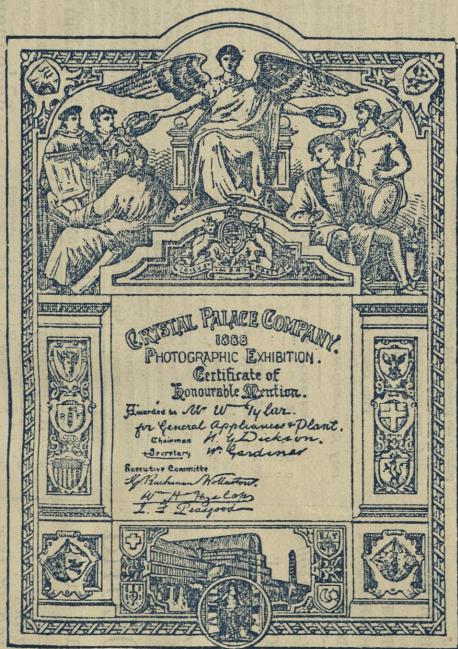


BRONZE MEDAL AWARDED RICHMOND EXHIBITION, 1889.

TYLAR'S PRACTICAL HINTS
AND
PHOTOGRAPHIC CALENDAR
+ FOR + 1889. +

ENTERED AT STATIONERS' HALL.

ENTERED AT STATIONERS' HALL.



W. TYLAR,
57, HIGH STREET, ASTON-NEW-TOWN,
BIRMINGHAM.

20,000 ISSUED GRATIS.

THE OLDEST PHOTOGRAPHIC JOURNAL.

Journal of Photography

THE ORGAN OF ALL LEADING

— PHOTOGRAPHIC SOCIETIES, —

THE BRITISH JOURNAL OF PHOTOGRAPHY
is the Representative of all leading British and Foreign
Photographic Societies, and prominently the recog-
nized Organ of Photographers—Baptists, Presbyterians,
Unitarians, Quakers, and Anglicans.
Every Department of Photography—Aposcopic,
Chemical, Mechanical, and Artistic—has a special
place in it, and the EARLIEST and LATEST
discoveries of all New, and modifications of Old Pro-
cesses and of all Papers, will be found in the BRITISH
JOURNAL OF PHOTOGRAPHY.
Contributors embrace all Parts. Its Correspondents and
Readers are of all Nations, and its Columns are
identified with the rise and progress of the Art.

the English JOURNAL OF PHOTOGRAPHY is extensively circulated, not only in Great Britain and Ireland, but throughout the world, and is a most valuable medium for Photographic Advertisements, ensuring them the largest amount of publicity.

THE BRITISH JOURNAL OF PHOTOGRAPHY
is published every Friday morning by HENRY
GIBBONWOOD & CO., at
Garden, London, W.C. Price 3d.; 10s. free, 3jd.
ANNUAL SUBSCRIPTION

It sent by Ordinary Mail, post free—Great Britain and Ireland, 15s. 2d.; France, Belgium, United States, Canada, Australia, New Zealand, Africa, Newfoundland, Germany, Portugal, Italy, Spain, Egypt, &c., 17s. 4d.; India, China, Japan, 19s. 6d.

of Photography" have been appointed in every City and Town of Importance throughout the United Kingdom; also on the Continent, the United States, and the Colonies. Agents are Wanted for localities where none have yet been appointed.

AS A MEDIUM of direct and certain communication with all classes of Amateur and Professional Photographers throughout the world, this, **THE OLDEST PHOTOGRAPHIC JOURNAL**, strongly commends itself to Photographic Advertisers.

∴ CHARGE FOR SPECIAL INSET C

Advertisements on the Cover, and a few others of great prominence, are charged by Special Agreement.

SCALE OF CHARGES for ADVERTISEMENTS

[illegible]

Charge for small Prepaid Advertisements of Four Lines (each Line containing Seven Words) of the following Classes ONLY:

1. Professional Photographers Requiring Assistants
2. Operators, &c., Wanting Situations
3. Photographic Premises to be Let or Sold
4. Second-hand Photographic Apparatus for Sale

Advertisements of these classes **NOT** prepaid are charged at the ordinary scale of Five Lines 3s., and 6d. per line afterwards.

ALL LARGE ADVERTISEMENTS should reach the Office **NOT LATER** than **WEDNESDAY** but small Advertisements can be received on Thursday morning.

PRICE 1s. ; Post Free, 1s. 4½d.
LIBRARY EDITION, Bound in Cloth, Gilt Lettered
Price 2s. ; Post Free, 2s. 4½d.

MAY BE OBTAINED FROM ALL
PHOTO DEALERS.

The British Journal
PHOTOGRAPHIC

ALMANAC

PHOTOGRAPHER'S DAILY COMPANION

A COMPLETE COMPENDIUM

PHOTOGRAPHIC ART-SCIENCE

THE MOST COMPLETE

PHOTOGRAPHIC REFERENCE-BOOK
EVER PUBLISHED.

LONDON: HENRY GREENWOOD & CO.

PUBLISHERS,

YORK STREET, COVENT GARDEN, W.C.

To whom all Advertisements and General Business Communications should be addressed

128

PREFACE.

My object in compiling this Catalogue and Calendar, is to bring before the public, a more detailed List of my Specialities, suitable either for Professionals or Amateurs, at low prices. Further, I am desirous of helping beginners by a few hints, whereby they may avoid the quicksands that lay in their path, causing loss of temper, time, and money, and probably disgust with the black art before they know the pleasures that were hid by a mere screen that was easily penetrated, if the start had been rightly made. I have had considerable experience from the wet to the dry system, and as certain wants have made themselves felt, I have tried to overcome them by introducing simple devices, some of which have been before the public and freely patronized.

This Price List contains my latest Novelties, a Calendar of useful and practical hints, and also with an encouraging offer of £25, in Prizes, to prove that really good work can be performed by lower priced accessories and appliances.

WM. TYLAR.

January, 1889.

JANUARY.

1	Tue.	Look out for Snow Scenes	} Artistic New
2	Wed.	Frost will make pretty pictures	
3	Thur.	Don't try Instantaneous Exposures yet, let babies alone.	Year's Gifts.
4	Fri.	Have a firm stand, rigidity important.	
5	Sat.	Warmth in Dark room necessary to chemicals, warm the	
6	SUN.	Read up on composition.	[dishes with hot water.
7	Mon.	Expose for shadows, better overexpose than underexpose.	
8	Tue.	Try Tylar's "Pickard" Exposure Meter.	(See Advt.)
9	Wed.	Experiment with "Flash-light Photography."	
10	Thur.	Keep up with the Times.	
11	Fri.	Two drops of Oil of Cloves to flour paste will preserve it longer	
12	Sat.	Get out.	
13	SUN.	Keep in.	
14	Mon.	Simple Cameras are best if well made.	
15	Tue.	Fine Cameras don't make fine Photographers.	
16	Wed.	Look at Tylar's outfit.	(See Advt.)
17	Thur.	Complications are abominations.	
18	Fri.	Single lenses give more brilliant landscapes.	
19	Sat.	If last Saturday's work was a "frost" try again.	
20	SUN.	Ruminate upon the future.	
21	Mon.	Slow Development often saves a plate.	
22	Tue.	Arrange your articles so as to find them easily in the dark.	
23	Wed.	Keep your Pyro dry. Use a salt spoon to hold about 2 or 3 grns	
24	Thur.	Use 10 % Solutions and 100 % brains.	
25	Fri.	Have your formulas handy for reference.	
26	Sat.	If fine, don't lose an opportunity of firing away.	
27	SUN.	Reflect upon the past and do better in the future.	
28	Mon.	Success is built up by failures.	
29	Tue.	Join a Photographic Society and gather knowledge.	
30	Wed.	Persevere and conquer, don't give in.	
31	Thur.	Have a safe light and plenty of it.	See Tylar's Lamp.

FEBRUARY.

1	Fri.	Strive to surpass all past efforts.
2	Sat.	Old Moore prophesies a fine day, take Camera and see.
3	SUN	Cleanliness is next to Godliness.
4	Mon	Get to the bottom of your failures.
5	Tue.	No royal road to the top.
6	Wed	Photography is a ladder, which must be climbed rung by rung
7	Thur.	Attach cap to the lens by a cord.
8	Fri.	Mind your stops.
9	Sat.	If wet, label up your bottles and arrange your negatives.
10	SUN.	"Photography for beginners," by J. Harrison.
11	Mon.	Find a good plate and swear by it.
12	Tue.	Measures should be particularly clean—not put away dirty.
13	Wed.	Have a large focussing cloth. 36 x 54 I prefer.
14	Thur	Send an Enlargement for a Valentine.
15	Fri.	As you progress, so help others with your experience.
16	Sat.	Short days, little light, don't go too far with Camera.
17	SUN.	Take a walk, but use your eyes for Saturdays to come.
18	Mon.	Camphor is good in gum arabic, also in lantern oil.
19	Tue.	Tables of exposure help, but experience is much better.
20	Wed.	Use Tylar's Dead Black for preventing reflections in Camera.
21	Thur.	Send spare prints to Hospital now you have spare time.
22	Fri.	Aim always for artistic results.
23	Sat.	Don't waste time but be off.
24	SUN	Go to Church and consider the interior.
25	Mon.	Single lenses no good for high buildings.
26	Tue.	Have you tried Tylar's Rectilinear lenses, from £1.
27	Wed.	Good lenses are good investments, because always of value.
28	Thur.	The last of this month thank goodness.

MARCH.

- 1 Fri. The time for wind, owners of shaky stands beware.
- 2 Sat. March.
- 3 SUN. Read and digest the British Journal of Photography.
- 4 Mon. Slow Plates are best for beginners.
- 5 Tue. Pancakeday—Use Tylar's plate lifters, no staining of fingers.
- 6 Wed. Over 12000 Tylar's metal dark slides have been sold.
- 7 Thur. Wood slides are apt to warp and break, Metal does neither.
- 8 Fri. Attend to trifles and you will not be vexed.
- 9 Sat. As the day lengthens ; make good use of the spare half. [tion
- 10 SUN. The 'Amateur Photographer' is worth serious and close atten-
- 11 Mon. Master one process at a time, don't fiddle with several.
- 12 Tue. Pick the brains of all you meet.
- 13 Wed. Trim your prints before toning.
- 14 Thur. Spare the water, spoil the print. [always on the swim.
- 15 Fri. Use Tylar's current producer and discharger, no trouble,
- 16 Sat. Good subjects often near home, just look round a bit.
- 17 SUN. "Photographic News" contains a lot of information, read it.
- 18 Mon. Trays should be distinctly labelled. See Tylar's speciality
- 19 Tue. CRYSTAL PALACE EXHIBITION OPENS. MY NOVELTIES WILL BE THERE
- 20 Wed. See my latest specialities, will suit the wants & pockets of all
- 21 Thur. Take note of the position of the sun at various spots.
- 22 Fri. Trust not to memory, but carry a note book.
- 23 Sat. Try again at places where you have failed before.
- 24 SUN. Never tire of reading up matter that bears upon nature.
- 25 Mon. Don't leave your Camera, if possible, or you may rue it.
- 26 Tue. Guessing quantities and time will not do.
- 27 Wed. Hydrokinone is the best developer for latitude of exposure
- 28 Thur. A varnished negative is best for printing and preserving
- 29 Fri. Unvarnished negatives are best for enlarging.
- 30 Sat. 3 good negatives this afternoon should satisfy.
- 31 SUN. Printing might be done, according to conscience

APRIL.

- 1 Mon. Don't be a fool and take two pictures on one plate.
- 2 Tue. Exposure is quicker after a shower of rain.
- 3 Wed. The Aptus view finder is a useful pocket companion.
- 4 Thur. Economy is wealth, don't forget W. Tylar.
- 5 Fri. A bit of string, a spare screw, and small coins are invaluable.
- 6 Sat. Always check the contents of your bag before starting out
- 7 SUN. Better the day, better the deed.
- 8 Mon. Dark buildings require lighting up.
- 9 Tue. Portraits are best taken in the afternoon, not in sunlight.
- 10 Wed. Much haste much waste.
- 11 Thur. Be calm in group posing.
- 12 Fri. Group in pyramid form if possible.
- 13 Sat. Clear-up and get ready for Bank Holiday.
- 14 SUN. Read, mark, learn and inwardly digest.
- 15 Mon. Silver prints are improved by burnishing.
- 16 Tue. Tylar's Reliable Burnisher will do its work.
- 17 Wed. Read Tylar's practical hints further on.
- 18 Thur. Fill up dark slides, and overhaul your fittings.
- 19 Fri. Good Friday, (Bank Holiday.) Good work might be done.
- 20 Sat. Train will not wait, hurry up, far away from the maddening
- 21 SUN. Go to Church and remember the plates. [crowd.
- 22 Mon. (Bank Holiday). Get out of the way of the masses and asses
- 23 Tue. Develope, take time. Curiosity hurries and spoils.
- 24 Wed. Finish up remains.
- 25 Thur. Spoilt plates can be cleaned easily with hot water.
- 26 Fri. Cleaned plates can be cut down for lantern slide covers.
- 27 Sat. Rest from the week's campaign.
- 28 SUN. Try Sepiatype paper if warm tones are liked.
- 29 Mon. Do what you like.
- 30 Tue. Showers expected, take cloud negatives.

MAY.

1	Wed.	May it be fine this month and continue so.
2	Thur.	See that all traps are in good working order.
3	Fri.	Remember Tylar's Metal slides take up only half the space
4	Sat.	Good work ought to be done now. [of wood.
5	SUN.	Every light has its shadow.
6	Mon.	Custom and method will make things easy.
7	Tue.	A small cranny lets in enough light to fog a plate.
8	Wed.	They say light cannot get round a corner.
9	Thur.	Take a bit of salt with above.
10	Fri.	Good things are soon snatched up. So says Tylar.
11	Sat.	A bad workman complains of his tools.
12	SUN.	East or west home is best.
13	Mon.	The Secret of success is constancy of purpose.
14	Tue.	Keep your powder dry also your Camera.
15	Wed.	Revelvet your Cameras occasionally, it will pay.
16	Thur.	Small stops are useful for distance.
17	Fri.	Plumb your Camera with the latest novelty. See Advt.
18	Sat.	You might try Tylar's simple Shutter to-day.
19	SUN.	Print or pray.
20	Mon.	Don't spend a pound when a shilling will do as well.
21	Tue.	Cotton wool and spirits of wine, will make your lenses shine
22	Wed.	Don't be disheartened at a few failures.
23	Thur	Begin with a $\frac{1}{4}$ plate Camera, for comfort and economy.
24	Fri.	When stronger and richer try a $\frac{1}{2}$ -plate.
25	Sat.	If fine, work should now increase.
26	SUN.	A good example is the best sermon.
27	Mon.	There is a remedy for everything could we but hit on it.
28	Tue.	Excellence is granted only as a reward of labour.
29	Wed.	Oak Apple day. Trees should be now worth taking
30	Thur.	A glass rod is useful for stirring toddy or chemicals.
31	Fri.	Fill your slides to-night and save time to-morrow.

JUNE.

- | | | |
|----|-------|--|
| 1 | Sat. | If any trips, trip it. |
| 2 | SUN. | Good counsel never comes amiss— take it. |
| 3 | Mon. | Next Monday holiday, order at once what you want |
| 4 | Tue. | Delays are dangerous. Be in time for everything |
| 5 | Wed. | Ask thy purse what thou shouldst pay. |
| 6 | Thur. | A fool may give a wise man counsel. |
| 7 | Fri. | A wise man will waver, a fool wins. |
| 8 | Sat. | Better do it than wish it done. |
| 9 | SUN. | Whitsuntide. See your friends and show them your work. |
| 10 | Mon. | Bank holiday. Thank goodness, and up with your sticks. |
| 11 | Tue. | Eagerness may spoil plates, develope a few carefully. |
| 12 | Wed. | Every why has its wherefore especially in developing. |
| 13 | Thur. | A good marksman may miss. |
| 14 | Fri. | To-morrow to fresh woods and pastures new. |
| 15 | Sat. | Wat Tylar killed 1381. But that is not William Tylar, he lives |
| 16 | SUN. | A single fact is worth a ship load of argument. |
| 17 | Mon. | Teetotalers are not to be despised. |
| 18 | Tue. | Hail heavenly light and plenty of it. |
| 19 | Wed. | Experience must be bought if perfect pictures are desired. |
| 20 | Thur. | Study your object well, and not go slap dash at it. |
| 21 | Fri. | Fumigate your silver paper with ammonia before printing. |
| 22 | Sat. | Over the hills and far away. |
| 23 | SUN. | A wise man feels he knows nothing. |
| 24 | Mon. | Longest day. Farewell happy fields where joy for ever dwells |
| 25 | Tue. | Everything is the worse for wear. |
| 26 | Wed. | Cloud effects often gains a prize. |
| 27 | Thur. | Nothing venture nothing have. |
| 28 | Fri. | Faint heart never won fair lady. |
| 29 | Sat. | Employment is nature's physician, therefore photograph. |
| 30 | SUN. | None so deaf as those that wont hear. |

JULY.

1	Mon.	Now for Instantaneous shots and various shutters.
2	Tue.	Pay your money and take your choice of above.
3	Wed.	Llangollen and Betts-y-Coed, North Wales, are lovely spots.
4	Thur.	Aberystwyth good for sea shots.
5	Fri.	Exposures much shorter on sea coasts.
6	Sat.	Out! out! Summer soon over.
7	SUN.	If stretched on the back of a chair keep there.
8	Mon.	Citrate of ammonia is a good restrainer.
9	Tue.	Pyro gives density.
10	Wed.	Fixing bath should be kept alkaline.
11	Thur.	Shade your lens during this bright month.
12	Fri.	Soda Developer is good, but exposures must be correct.
13	Sat.	Off to the mountains.
14	SUN.	There are sermons in stones—and landscapes.
15	Mon.	Now trot out your babies, and shutters, and whistle.
16	Tue.	A thing of beauty is a joy for ever.
17	Wed.	Try yachts and steamers then find them on the plates.
18	Thur.	Dogs can be got attentive by imitating the buzz of a bee.
19	Fri.	Print in the shade, if much light cover with tissue paper.
20	Sat.	Gird up your loins and pack up your apparatus.
21	SUN.	Look above.
22	Mon.	Platinotype pictures are lasting, but silver is fleeting.
23	Tue.	Pizzighelli paper is simple and effective.
24	Wed.	Good results are expected in every department.
25	Thur.	Beware of sand on sea coast, not healthy for Cameras
26	Fri.	Use the alum bath this weather.
27	Sat.	Go farther and fare worse may apply to-day
28	SUN.	A saint in crape is twice a saint in lawn.
29	Mon.	Oft expectation fails where most it promises.
30	Tue.	An oak is not felled with a blow.
31	Wed.	Saddle the right horse.

AUGUST.

1	Thur.	Light come, light go, make pictures whilst the sun shines.
2	Fri.	Exposures still quick, stop down for sharpness, ditto for clouds
3	Sat.	Go for the last good outing this year, unless independent.
4	SUN.	Take your dear friends portrait, but it will not pay.
5	Mon.	Bank Holiday. Do your very best and look out for prizes.
6	Tue.	Dark room should be well ventilated or health will suffer.
7	Wed.	If distilled water is not handy get a filter.
8	Thur.	Methylated spirits will take varnish off negatives.
9	Fri.	Tis' not the beard that makes the Photographer.
10	Sat.	Another precious day, utilise it.
11	SUN.	Still more precious day, read what is good.
12	Mon.	Very precise people lack brains.
13	Tue.	Find out where you failed for future guidance.
14	Wed.	Know the disease of a plate and its half cured.
15	Thur	He is oftener in the dark room than in the parish kirk.
16	Fri.	Difficulties give way to diligence.
17	Sat.	What can be done to-day, leave not till to-morrow.
18	SUN.	My friend, go according to your conscience, if fine.
19	Mon.	Run not after a shadow but take it.
20	Tue.	Before you attempt, consider what you can perform.
21	Wed.	Consider the lillies and the isochromatic plates.
22	Thur	Yellow light is not so injurious as red.
23	Fri.	Many a slip between cup and lip. See your Cap is on.
24	Sat.	Copying can be done, diffused light, small stop, plenty of pyro
25	SUN.	It is not well for a man to pray cream, and live skim milk.
26	Mon.	Be careful of strangers you meet in the art, they may know
27	Tue.	Pay up, ask no tick, but bully for discount. [most.
28	Wed.	Mark your screens in 9 equal squares.
29	Thur.	The centre square is the weakest point.
30	Fri.	Nothing should be done in a hurry but catching fleas.
31	Sat.	The greatest things are done by help of small ones.

SEPTEMBER.

- 1 SUN. Life or Death.
- 2 Mon. Partridges thankfully received, *if not too high.*
- 3 Tue. Charity begins at home, but what about your friends prints?
- 4 Wed. Let light and shade come to your aid.
- 5 Thur. Turn the side of camera to the sun, shadows then are bound to
- 6 Fri. A good negative is worth possessing. [come.
- 7 Sat. Better come back as you start, if things are unfavourable.
- 8 SUN. Help thyself, and God will help thee.
- 9 Mon. Spare the developer, spoil the plate.
- 10 Tue. Comparisons are odious, but not in judging density of plates
- 11 Wed. Try Liesegang's Aristotype paper, it is nice if carefully done
- 12 Thur. Magnesium should be kept dry.
- 13 Fri. Distance lends enchantment to the view.
- 14 Sat. All silver printing should be got under weigh, light is going.
- 15 SUN. Better the day better the deed.
- 16 Mon. Make Lantern Slides at once ready for winter months.
- 17 Tue. Hydrokinone is a good developer, see practical hints for formula
- 18 Wed. Don't begrudge a spoilt plate or two, it will give experience.
- 19 Thur. Keep your light as uniform as possible.
- 20 Fri. Thin negatives should be held further away from light.
- 21 Sat. Development should not be carried so far for oil as lime-light.
- 22 SUN. Rejoice and be glad.
- 23 Mon. Masking lantern-plates requires taste and good judgment.
- 24 Tue. Mind your plates are not left exposed.
- 25 Wed. Cover glasses should be thin, white and well-cleaned. [glasses.
- 26 Thur. Spoilt lantern-plates should be cleaned and used for cover
- 27 Fri. Long grooved boxes made for this purpose are best for storing
- 28 Sat. Photographer with 12 x 10 camera, can appreciate a short day.
- 29 SUN. A rest for weary photographers *especially the above.*
- 30 Mon. Like brave men, commence again ever pursuing.

OCTOBER.

1	Tue.	A piece of camphor in paraffin will lessen smell & whiten light
2	Wed.	To copy C.D.V. don't pin it, but place the card in a printing
3	Thur	Don't put Negatives on the hob to dry. [frame.
4	Fri.	Ready cut sensitized paper saves a lot of time & trouble.
5	Sat.	A spare afternoon to clear up odd jobs.
6	SUN.	Respect other people's views.
7	Mon.	Experience is a dear school, fools learn in no other.
8	Tue.	If you have time, learn to retouch & it will never be regretted
9	Wed.	Oh flesh, flesh, how art thou finished.
10	Thur	Wrinkles are absent in the young, not wanted in the old.
11	Fri.	Retouch judiciously, leave the likeness.
12	Sat.	Have a walk, don't let the black art be a burden
13	SUN.	Earthly things change hands.
14	Mon.	Truth seeks no corners, but light does.
15	Tue.	When an error is found chalk it down.
16	Wed.	Magic Lantern. The latest out is Tylar's. (See Advt.)
17	Thur.	Absent mind leaves Camera screw behind.
18	Fri.	Sloth is the mother of poverty; don't fag, plenty to do.
19	Sat.	Give Lantern Entertainments to help on good causes.
20	SUN.	The good that is is better than the good that was.
21	Mon.	Unity is strength, so is film to film when wet. [ducer
22	Tue.	Water is the best Hypo eliminator. Use Tylar's Current Pro-
23	Wed.	Buy your wife a bonnet as a set off against your messes.
24	Thur.	Protect your eyes with dark glasses when using magnesium
25	Fri.	A slow plate and plenty of elbow room.
26	Sat.	Birds of a feather flock together, so do shadow catchers.
27	SUN.	Use the means and God will give the blessing.
28	Mon.	A little oil will smooth many troubles.
29	Tue.	Make friends in the black art and seek advice.
30	Wed.	Hare hunting commences. Try the Kodak Detective Camera
31	Thur.	Beginners should read J. Harrison's Photography for all.

NOVEMBER.

- 1 Fri. Settle down to indoor work.
- 2 Sat. Enlarging is a most interesting operation.
- 3 SUN. Good reasons must of force give place to better.
- 4 Mon. Daylight is much the best for enlarging.
- 5 Tue. If you cannot manage Bromide paper, don't try Opals.
- 6 Wed. Hydroquinone is a fine developer for bromide paper.
- 7 Thur. Don't make up too much iron solutions at a time.
- 8 Fri. Tentative iron development can be done.
- 9 Sat. Now is the time for enlarging, clear the gangway.
- 10 SUN. Look through nature up to nature's God.
- 11 Mon. Use Tylar's Film and Bromide Paper Lifter. (*See Advt.*)
- 12 Tue. Be sparing with Bromide in iron developers.
- 13 Wed. Contact printing should be done several feet from the light.
- 14 Thur. Hold tissue paper between light and frame, result wonderful
- 15 Fri. The only Medal for Print washers has been awarded to Tylar
- 16 Sat. Bromide prints mounted on india tinted mounts are very
- 17 SUN. A day's march nearer home. [effective.]
- 18 Mon. Remember, hospitals are glad of albums and pictures.
- 19 Tue. See Tylar's method of arranging negatives in book form.
- 20 Wed. Be careful in promising prints this month.
- 21 Thur. Trim your prints with a sharp pointed knife.
- 22 Fri. A Tylar's £2 Lantern will do for any room.
- 23 Sat. Take frost scenes, if possible.
- 24 SUN. Hold the mirror up to nature.
- 25 Mon. May the fame of your pictures endure for ever.
- 26 Tue. Tylar's "Self-lighting burners are splendid for contact work."
- 27 Wed. Exposure now is trying to the best of us.
- 28 Thur. An accident frequently suggests a picture.
- 29 Fri. Short reckonings make long friends.
- 30 Sat. Printing frames can be left out without fear of overdoing it.

DECEMBER.

- 1 SUN. In sweet idleness let us rest.
- 2 Mon. Look out for British Journal Photo Almanac.
- 3 Tue. What you can't get is just what suits you.
- 4 Wed. Well begun is half done.
- 5 Thur. Go in for prizes, plenty of scope for all. See page 56.
- 6 Fri. If prizes don't come your experience will be greater.
- 7 Sat. Skate if possible as a change.
- 8 SUN. Be steadfast.
- 9 Mon. The old and wise still take advice.
- 10 Tue. The greatest reflectors are the clouds.
- 11 Wed. Cloudless skies gives harder pictures, no fear just yet.
- 12 Thur. Bromide gives greater contrasts in light and shade.
- 13 Fri. Ashford's Stands can be relied upon. (*See Advt.*)
- 14 Sat. Two or three pieces of cork are useful for spikes of Stands
- 15 SUN. There is luck in leisure. [in taking interiors.
- 16 Mon. Fire is a good servant but a bad master.
- 17 Tue. So is Hypo. Drive it out with Tylar's Current Producer.
- 18 Wed. Cyanide is dangerous. Keep it locked up.
- 19 Thur. Rapid plates are more difficult to develop than slow ones.
- 20 Fri. Slow and thick coated plates are best for gradation.
- 21 Sat. Be abstemious, Christmas is at hand.
- 22 SUN. Thy hand is never the worse for doing thine own work.
- 23 Mon. **Look out for Tylar's Annual.**
- 24 Tue. Christmas Eve. Wait upon the waits with the flashlight.
- 25 Wed. CHRISTMAS DAY. Show your work to all friends.
- 26 Thur. Boxing Day. Give away all surplus useless stock.
- 27 Fri. See Tylar's Vignette Holders, simple and cheap.
- 28 Sat. The last Saturday, clear up and re-arrange all disorder.
- 29 SUN. Let your ideal be a lofty one.
- 30 Mon. Strive to do good rather than be conspicuous.
- 31 Tue. Everything has its end and a pudding bag has two.

THE OLDEST WEEKLY PHOTOGRAPHIC PAPER.

The PHOTOGRAPHIC NEWS

A WEEKLY RECORD OF THE PROGRESS OF PHOTOGRAPHY.

Published every Friday, price 3d., post free within the United Kingdom, 3½d.

Annual Subscription, payable in advance, by post (to all parts of the United Kingdom), 15/- or per Quarter, 3/10. Published by

PIPER & CARTER, 5, FURNIVAL STREET, E.C.

THE PHOTOGRAPHIC NEWS

Is the oldest weekly organ of Photography and Photographers, containing the fullest and earliest information on all subjects connected with the Art and Science of Photography, as practised in every part of the world, and, from its large circulation, is a most valuable medium for all Announcements in any way associated with Photography.

Scale of Charges for Miscellaneous Advertisements.

Five lines and under (average, seven words to line)...	£0	3	0
Above five lines, per line	0	0	4
Column, inside page	1	17	6
Half-Page, inside... ..	2	10	0
Whole Page, inside	4	10	0

Reduction made for a series.

Revised scale for Small PREPAID Advertisements (of four lines) of the following classes:—

ONE SHILLING	{ Situations Wanted }	ONE SHILLING
	{ Situations Offered }	
	{ Photographic Businesses to be Let or Sold }	
	Each additional line, Sixpence extra.	

All Advertisements of above class not prepaid will be charged at the ordinary scale.

LARGE Advertisements should reach the Publishers (PIPER AND CARTER, 5, Furnival Street, E.C.) not later than Wednesday Evening. SMALL Advertisements can be received at the Office in Furnival Street up till Thursday noon.

THE PHOTOGRAPHIC STUDIOS OF EUROPE. By H. BADEN PRITCHARD
F.C.S. Price 2s., per post 2s. 3d.

ABOUT PHOTOGRAPHY & PHOTOGRAPHERS. By H. BADEN PRITCHARD, F.C.S. Price 2s., per post 2s. 2d.

A TRIP TO THE GREAT SAHARA WITH A CAMERA. By a COCKNEY.
Price 6d., post free, 6½d.

PIPER & CARTER, 5, FURNIVAL STREET, LONDON, E.C.

PIPER & CARTER'S PHOTOGRAPHIC PUBLICATIONS.

- BURTON'S MODERN PHOTOGRAPHY** Comprising Practical Instructions in Working Gelatine Dry Plates. By W. K. BURTON, C.E. Price 1s., per post 1s. 2d.
- BURTON'S POCKET BOOK FOR PHOTOGRAPHERS:** Including the usual space for Notes, &c., with tables for Facilitating Exposures. Price, paper covers, 9d., per post 10d.; cloth, 1s., per post 1s. 1d.
- PHOTO-MICROGRAPHY;** Or, How to Photograph Microscopic Objects. By I. H. JENNINGS. Also, A CHAPTER ON PREPARING BACTERIA. By DR. R. L. MADDOX. Price, 3s., per post 3s. 2d.
- PRACTICAL PORTRAIT PHOTOGRAPHY.** A Hand-book for the Dark Room, the Skylight, and the Printing Room. By W. HEIGHWAY, Price 1s., per post 1s. 1½d.
- PHOTOGRAPHIC PRINTER'S ASSISTANT.** By same Author. Price 1s., per post 1s. 1d.
- ESTHETICS OF PHOTOGRAPHY.** By same Author. Being Hints on Posing and Lighting the Sitter. Price 1s., per post 1s. 1½d.
- HANDBOOK OF PHOTOGRAPHIC TERMS.** An Alphabetical Arrangement of the Processes, Formulæ, Applications, &c. of Photography for Ready Reference. Compiled by WILLIAM HEIGHWAY. Price 2/6, per post 2/8.
- ELEMENTARY LESSONS ON SILVER PRINTING.** By W. M. ASHMAN. Revised and reprinted from the PHOTOGRAPHIC NEWS, with additions to date. Price 1s. 6d., per post 1s. 8d.
- ENAMELLING AND RETOUCHING.** A Practical Photographic Treatise. By P. PIQUEPE. The only special work yet published on the subject of Enamelling. Price 2s. 6d., per post 2s. 8d.
- LANDSCAPE PHOTOGRAPHER'S POCKET NOTE-BOOK.** Arranged for entry of date, light, process, lens, and stop used, number of seconds, time of day, name of place, and remarks. Price 6d., per post 7d.
- SANITARY HINTS TO PHOTOGRAPHERS.** By DR. HENRI NAPIAS. Price 2d., per post 2½d.
- HINTS TO SITTERS.** A handy little tractate for Photographers to put into the hands of their sitters for guidance as to dress, &c. Sample copy with prices, 2d.
- THE ART OF PHOTOGRAPHIC PAINTING.** By A. H. BOOL. Prices 1s., per post 1s. 1d.
- INSTRUCTION IN PHOTOGRAPHY.** By Capt. ABNEY, C.B., R.E., F.R.S. Profusely illustrated. Price 3s. 6d., per post 3s. 10d. "The Standard manual of the English photographic practitioner."
- PHOTOGRAPHY WITH EMULSIONS.** By same Author. Price 3s., per post 3s. 3d.
- PHOTOGRAPHIC PRIMERS.** By same Author. No. 1.—NEGATIVE MAKING. Price 1s., per post 1s. 1½d.

A STAND THAT STANDS UNRIVALLED IS **Ashford's Improved Patent Sliding Adjustable** **TRIPOD.**

The Sara Sara in *The Amateur Photographer*, July 20th, 1888, says:—
 "Ashford's Stand I consider the simplest, strongest and best of any. By strapping the legs together and drawing out one of the slides I have used it as an Alpenstock in my photographic climbs."

Mr. T. FORREST of Pontypridd, of Duo Ratio Shutter fame says:—
 "It is the best thing in Stands I have ever seen, being well finished, compact, easily erected, and above all, perfectly Rigid."

A. C. Townsend, Esq. writes:—"Your Stand is a boon both to operators in the field and as a seat when returning home in an overcrowded train."

See also Prize Paper on Apparatus by W. V. Corbett, Esq., "Amateur Photographer," Jan. 11th, 1889.

Advantages.

It is the most rigid Stand made.—Light—Perfectly free from vibration, even in the strongest wind—Very portable—Easily erected, and can be adjusted to any inequalities of ground, and can be used more ways than one, as shown above.

The British Journal of Photography, August 10th. 1888 says:—"The Patent Stand of J. Ashford, which we have had occasion to subject to the test of actual experience, differs from any others we have previously seen. For its lightness it is a marvel of strength and rigidity."

SEE THIS STAND BEFORE PURCHASING. Willingly sent on approval.
 Money returned if not satisfactory.

PRICES.

5	feet	with	4-inch	Top,	18/6.
5	"	"	6-inch	Top,	21/-
5	"	"	8-inch	Top,	25/-

ASHFORD'S PATENT CAMERA.

Possesses advantages which no other Camera has. It has Parallel Bellows, Rising and Falling Front, which being independent of the bellows can be used at its shortest focus. No base board in front of lens, when closed the ground glass is entirely covered and so protected from injury while travelling. It has Double Swing Back, and is perfectly rigid.
 Illustrated Lists post free from

J. ASHFORD,

179, ASTON ROAD, BIRMINGHAM.

Agent: W. TYLAR.

THE

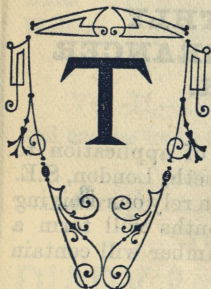
AMATEUR

A Popular Illustrated
Journal.

Devoted to
Photography and
the Kindred Arts

PHOTOGRAPHER

◀ Edited by CHARLES W. HASTINGS. ▶



The Amateur Photographer is the
Special Organ of the Amateur Photo-
graphic Societies of Great Britain and
the Colonies.

The Amateur Photographer contains
Articles upon all Subjects both Technical
and Social, interesting to Amateur Photographers.

The Amateur Photographer has a special page devoted
to Queries and Answers.

The Amateur Photographer is the best medium for the
Sale and Exchange of new or second-hand apparatus.

London: HAZELL, WATSON, & VINEY, Ltd., 52, Long Acre, W.C.

And through all Newsagents and Photographic Dealers.

SPECIMEN COPY FREE ON APPLICATION.

10/10 per year, 5/6 for 6 months.

"THE BEST SCHOOL OF PHOTOGRAPHY."

FALLOWFIELD'S NEW FOLDING PORTABLE DARK BOX.

This Box is, when opened, large enough to work Plates up to $8\frac{1}{2}$ by $6\frac{1}{2}$, and folds into a compass as follows— $23\frac{1}{2}$ inches long, $16\frac{1}{2}$ inches wide, $4\frac{1}{2}$ inches thick, and weighs 12 lbs.

Price of same, with Brass Handle, Lock and Key, 42s.

FALLOWFIELD'S DIAMOND POLISH. **For instantly Cleaning Glass without washing**

Warranted free from Alkalies or fixed Salts.

To Photographers this Solution is invaluable, containing nothing in any way injurious to the most sensitive bath, and producing a perfectly clear and brilliant surface in a few seconds

Per Bottle, 6d. 1 Pint, 1s. Quart, 2s.

FALLOWFIELD'S MONTHLY PHOTOGRAPHIC REMEMBRANCER AND TRAVELLER.

(TITLE REGISTERED.)

Sent post-free first of every month on receipt of application to J. FALLOWFIELD, 35 & 36, Lower Marsh, Lambeth, London, S.E. Name will at once be registered, and friends can rely on receiving same; and if kept, at the end of twelve months will form a most complete List of Novelties, as every number will contain Something New.

PRINTERS' INDICATORS.

For Fixing to Printing Frames. 8d. dozen.

THE PHOTOGRAPHER'S BABY FRIEND.

This is a very pleasing invention to attract refractory infant sitters. It is in the form of a doll beautifully dressed, and by turning round it plays a tune. This is a good article, not a toy made for children's use.

Price, in Box 7s. 6d.

Have you seen FALLOWFIELD'S **PLATE SUNK INDIA TINTED MOUNTS**, unsurpassed for Artistic effect, for Platinotype and Bromide Prints they cannot be excelled.

"THE CAMERA"

AN ILLUSTRATED MONTHLY MAGAZINE,

For all those interested in the

PRACTICE OF PHOTOGRAPHY.

PUBLISHED on the FIRST OF EVERY MONTH.

PRICE, SIXPENCE.

The Camera is the oldest and best Monthly Magazine devoted to the Art of Photography, and has the largest genuine circulation amongst a high class of readers, both at home and abroad.

The Camera contains original articles by well-known Writers, of practical interest to all Amateur and Professional Photographers.

Vol. II.—Containing twelve Monthly parts, is now ready and can be had of the Publishers.

PRICE, 8d. 6d., Post free, 9s.

THE PHOTOGRAPHER'S

DIARY & DESK BOOK FOR 1889.

Comprising a Diary, three days on a page, interleaved with blotting paper, and containing a mass of useful information peculiarly interesting to all Photographers, both Amateur and Professional, including reliable formulæ printed in such large type that they can be read distinctly in the dim light of the Photographic dark room.

PRICE, 2/6, Post free, 3/-.

WYMAN & SONS,

74—76, GREAT QUEEN STREET, LONDON, W.C.

S. & G. DE SAULLES & CO.'S

LIST OF ➤SPECIALITIES.➤

Glass for Dry Plate Work. Glass for Positive Work.

Glass for Lantern Slides. Opaline Glasses, Backs, &c.

Glass Cutting Shapes (with or without handles).

Oval Glasses for Medallions.

Vignetting Glasses. Opal Glass (Matt or Plain Surface).

Finely Ground Glass for Focussing Screens.

Glass Developing Dishes. Glass Measures (Graduated).

Microscopical Glass Slides. Microscopical Glass Covers.

And every kind of Glass Article used in Photography.

S. & G. DE SAULLES & CO.,

375, SUMMER LANE, Birmingham.

GLASS FOR PICTURE FRAMING, &c.

LIESECANG'S

➤ARISTOTYPE PAPER.➤

The best Silver Paper in the Market.

Makes good Prints from weak Negatives.

Can be Toned and Fixed in one bath.

Matt or Brilliant Surface obtained with the same paper.

THE PAPER OF THE FUTURE.

To be had from most Dealers, or from—

Ed. LIESECANG,

DÜSSELDORF, Germany.

"It is the want of the age."—A.R.
thousands, I heartily congratulate you.—A.J.L.

"It will be welcomed by
thousands, I heartily congratulate you.—A.J.L.

"PHOTOGRAPHY,"

THE JOURNAL OF

THE AMATEUR, THE PROFESSION, & THE TRADE.

EVERY THURSDAY, PRICE ONE PENNY.

Annual Subscription, post free, 6s. 6d. Six Months, 3s. 3d.

Editorial Contributors:—

PROF. CHAPMAN JONES, ANDREW PRINGLE, AND OTHERS.

Editor:—HENRY STURMEY. Sub-Editor:—WALTER D. WELFORD.

THE first number of "PHOTOGRAPHY" appeared on Nov. 15th, 1888, and so met the requirements of those for whom it caters that an important circulation was immediately established. No pains or expense will be spared to make "PHOTOGRAPHY" an early, accurate, and complete record of all events in connection with its subject, and to give the latest and best information relating to the Art-science of Photography.

The special features are:—Scientific and Technical Articles by well-known writers—The Question Box, with a series of prizes for the senders of replies—Prize Competitions—Snap Shots—Items of Interest—Interviews with prominent Members of the Trade, etc.

"PHOTOGRAPHY"

Is published every Thursday morning, and can be obtained of all Book-stalls and Photographic Dealers and Chemists. It is

THE ONLY PENNY PHOTOGRAPHIC PAPER IN THE WORLD.

Published by ILIFFE & SON, 98, Fleet St., London.

Editorial & Advertising Offices—VICAR LANE, COVENTRY.

NEW PHOTOGRAPHIC PUBLICATIONS.

THE SCIENCE & PRACTICE OF PHOTOGRAPHY. CHAPMAN JONES.
 Postage 4½d. 2s. 6d.

PHOTOGRAPHY FOR ALL. W. JEROME HARRISON. Postage 2d. 1s.

THE PHOTOGRAPHER'S INDISPENSABLE HANDBOOK. WELFORD and STURMEY. Postage 4d. 2s. 6d.

THE INDISPENSABLE HAND-BOOK TO THE OPTICAL LANTERN. WELFORD and STURMEY. Postage 4½d. 2s. 6d.

COLLOTYPE & PHOTO-LITHOGRAPHY. Dr. SCHNAUSS. (In the Press.) 5s.

London:—ILIFFE & SON, 98, Fleet St., E.C.

ABRAHAM'S SPECIALITIES.

81, ALDERSGATE STREET, LONDON, E.C.

TICKETS FOR STUDIO AND WINDOW.

These are a great acquisition and a novelty of our own. Size 12in. \times 1 $\frac{1}{2}$ in., in sage green, maroon, and ruby, pure gold bevel edge, and impressed in heavy ornamental letters in pure gold.

Stock frequently being added to. Price 6d. each, or 5/- per dozen.

- | | |
|--|--------------------------------|
| No. 1. Any photograph copied. | No. 8. Lessons in photography. |
| " 2. Our own work. | " 9. Permanent photographs |
| " 3. Cash at time of sitting. | " 10. Photographs enamelled. |
| " 4. Out-door photography. | " 11. Cheap Fancy Frames. |
| " 5. Pictures framed. | " 12. Permanent Photograph. |
| " 6. Our speciality. | " 13. Dressing Room. |
| " 7 Photographs coloured. | " 14. Taken Direct. |
| " 15. Views of the Neighbourhood always on sale. 16 sht. gold bevel, 12 \times 3 $\frac{1}{2}$ 2/- each. | |
| " 16. Terms. Cash at time of sitting. 16 sht. gold bevel, 12 \times 3 $\frac{1}{2}$, 2/- each. | |

ABRAHAM'S BORDER NEGATIVES.

Art sketches in Photography, forming with the Portrait a pleasing and Artistic Entourage.

DIRECTIONS. Print from the Design Negative in the usual manner (after varnishing). When dry enough, remove the Design Negative, and substitute the Portrait, placed so as to print in the opening. A cardboard with suitable opening is fastened outside the frame to Vignette the portrait properly. See Tylar's Vignette Clips page 49. PRICES.

C.-de-V., 1/6; Cabinet, 2/6; Imperial, 5/-; 10 \times 8, 7/6; 12 \times 10, 10/6.

ABRAHAM'S LABELS FOR CHEMICALS.

A book of 14 pages of useful labels, printed and gummed, also blanks, and page of perforated squares for plates or negatives. These books are exceedingly useful, and should be in use in every dark room. Price 6d.

ABRAHAM'S PREPARED PADS.

For the prevention of prints cockling. Prints as flat as note-paper.

For prints up to $\frac{1}{2}$ plate ...	...	...	...	2/-
" " 12 \times 10 ...	...	...	...	3/6

ABRAHAM'S MATT VARNISH.

For giving a ground glass surface to backs of Negatives for working upon, etc.

1/-	2/4	4/-
4-oz.	10-oz.	20-oz.

ABRAHAM'S ENCAUSTIC PASTE.

For giving to Photos a highly polished surface, very useful where Rolling is not attainable. -6 and 1/- per bottle.

ABRAHAM'S FOCUSSING CLOTHS.

The new Waterproof Cloth. Far superior to velvet and takes up less room and is more opaque. 36 \times 30in., 4/-; 36 \times 60in., 7/-.

W. TYLAR, Agent.

- LONDON**—Abrahams, 81, Aldersgate Street, E.C.
 Fallowfield, 35 & 36, Lower Marsh, Lambeth, S.E.
 Eastman Coy., 115, Oxford Street, W.
 Hinton & Co., 38, Bedford Street, Strand, W.
 Shew & Co., 88, Newman Street, W.
 Marion & Co., 23, Scho Square, W.
 Charterhouse Stores, 43, Charterhouse Square.
 St. Bride's Stores, 86 & 87, Fleet Street.
 Army & Navy „ Francis Street, Victoria Street, S.W.
 Civil Service, „ Bedford Street.
 Do. „ Queen Victoria Street.
 London & Westminster Stores, 11 & 12, New Bridge Street.
 Houghton & Son, 89, High Holborn, E.C.
 Whiteley, Queen's Road, Bayswater.
 Hughes & Son, 59, Fenchurch Street.
 Atkinson & Co., 121, Greenwich Road, S.E.
 Mayfield Cobb & Co., 35A, & 41, Queen Victoria Street.
 Martin & Co., Bream's Buildings, Chancery Lane.
 Noakes & Sons, Billingsgate Street.
 Steroscopic Co., 54, Cheapside.
 Wood, 74, Cheapside.
 Horn, Thornewaite, & Wood, 416, Strand.
 Stanley, 13, Railway approach, London Bridge.
 Medland, 12 Borough, London Bridge.
 Orme & Co., 65, Barbican.
 Pexton, 22, Gray's Inn Road.
 Amphlett Humphries & Co., 88, Brixton Hill.
 Beck, 68, Cornhill.
 Doublett, 11, Moorgate Street, Bank.
 Moles, 52 & 53, Bishopsgate Street, Within.
 Helios Co., 235, Oxford Street.
 Crouch & Co., Barbican.
 Browning, 63, Strand.
 Sands & Hunter, 20, Cranborne Street.
 Chemical Co., 15, Barbican.
 Martin & Smith, 107, Falcon Road.
 Tyler, 43, Waterloo Road, S.E.
 Thompson, 114, Acre Lane, Brixton.
 Lawley, 78, Farrington Street, S.E.
 Harrison & Co., 259, Oxford Street, W.
- BIRMINGHAM**—Hulme, Exchange Buildings, New Street.
- BRISTOL**—Dunscombe, St. Augustine's Parade.
 Husband's do do
- BRIGHTON**—Hardcastle & Co., 71, East Street.
- BRADFORD**—Percy Lund & Co., St. John's Street.
 Harrison & Parkinson, Chemists.
- BURNLEY**—Wright, 141, St. James Street.
 Cowgill, 48, Manchester Road.
- BLACKBURN**—Garland, King William Street.
- BEDFORD**—Anthony & Biss, 48, High Street.
- BELPER**—Haynes, General Dealer.
- COVENTRY**—Clarke, Chemist, Hampton House.
- CREWE**—Booth, Chester Bridge.
- CROYDEN**—Bishop, 69, George Street.
- CIRENCESTER**—Criffiths, Chemist.
- CANTERBURY**—Fiddian, 62, King's Bridge.

- CLIFTON—Lobb, 7, Queen's Road.
 CHELTENHAM—Beetham & Son's, Chemists.
 Thomas Bros., York House, Bath Road.
 CHESTER—Siddall, The Cross.
 Pike, Photographer, New Bridge Street.
 Kemp, Chemist, New Bridge Street.
 CHORLEY—Alker, 70, Market Street.
 CARDIFF—Williams, & Co., Chemists.
 CHESTERFIELD—G. Wright, Cavendish Street.
 CARLISLE—Fletcher Ritson, 1, Abbey Street.
 COLNE—Wilkinson, 76, Market Street.
 Asquith, Market Street.
 DERBY—Keene, All Saints.
 Derby Stores, 30A, Victoria Street.
 DURHAM—Wise, Chemist, Claypath.
 DARLINGTON—Robinson, Northgate Street.
 DONCASTER—Dunhill & Stiles, Chemists.
 Hart, 21, Cemetery Road.
 DOVER—Wyles, New Bridge Street.
 ETON—Merrick, Eton College.
 GLOUCESTER—Hughes, 86, Northgate Street.
 GRANTHAM—Briggs & Gamble.
 GRAVESEND—Botwood & Wall, 26, New Road.
 HANLEY—Packer, 48, Trinity Street.
 Gover, 29, Piccadilly.
 Moore, 7, Market Square.
 HARTLEPOOL, W.—J. C. Winn, Chemist.
 HASTINGS—Brooker, Memorial Pharmacy.
 HALIFAX—Brook, Chemist.
 HULL—Gibson, 16, Whitefriargate.
 HUDDERSFIELD—Fitton, 30, New Street.
 Smith & Ashman, 20, John William Street.
 Dore, Chemist, New Street.
 Piggott, Chemist, King Street.
 IPSWICH—Wiggin & Son, St. Matthews's.
 KIDDERMINSTER—Jenkins, 15, Mill Street.
 LINCOLN—Smith, Norman Place.
 LEICESTER—Young, 16, Gallowtree Gate.
 Broof, 105, Belgrave Gate.
 Pickering, High Cross Street.
 LEEDS—Smith, 8, East Parade.
 White, 18, Park Row,
 Pearson, 5, New Station Street.
 LIVERPOOL—Sharp & Hitchmough, 103, Dale Street
 Wood, 17, Lord Street.
 Atkinson, Manchester Street.
 LUTON—Spratley, Bute Street.
 Wooton & Son, Chemists.
 LEAMINGTON—Judd, 40, Bath Street.
 LEWES—Blagrove & Sons, 73, High Street.
 MAIDSTONE—Jennings, Chemist, Westborough.

Supplement to Tylar's 1889 Photographic Calendar.

SPECIMENS AND PARTICULARS
OF THE FOLLOWING

Methods of Illustrating

Sent Post Free on application to

BEMROSE & SONS,
Photo-Mechanical & Printers,
DERBY; AND 23, OLD BAILEY, LONDON.

Note.—The basis of all the following processes being Photography, the illustrations in each case (except Photo-Litho or Photo-Zinco) are produced from negatives or photographs, which can be supplied by the customer; but, when the original objects are of easy transit, it is preferable that they be sent to Messrs. BEMROSE & SONS' Photographic Printing Studio at Chetwynd Street Works, Derby, where they will be treated in the manner best adapted for the required process, or B. & S. will send one of their own Photographers when requested.

MEZZOTINT BLOCK.



Reproduced from a Photograph.

(FOR LETTERPRESS PRINTING.)

These Blocks give an artistic result, and are used in place of Photo-Tints when the illustration is required for insertion with type, as in Catalogues, Price Lists, Circulars, &c.

Photo-Tint.═══

This is a special Lithographic Process worked by Messrs. BEMROSE & SONS, by which Portraits, Views, Machinery, Manufactured Articles, &c., can be reproduced to any ordinary scale, and in any colour. It is a speedy and economical process of Printing. Type matter can be added.

SEE SPECIMEN ON OPPOSITE PAGE.

Collootypes.═══

This process of illustrating is valuable on account of the accuracy in outline, and wonderful amount of detail obtained; also the permanency of the ink used, which can be of any colour. It is particularly suitable for Book Plates, Illustrated Circulars of Manufactured Articles, Portraits, Landscapes, &c.

Photo-Zinco Blocks.═══

A cheap method for producing letterpress blocks, from Drawings in line or stipple, or for reproducing Steel or Copper-plate Engravings.

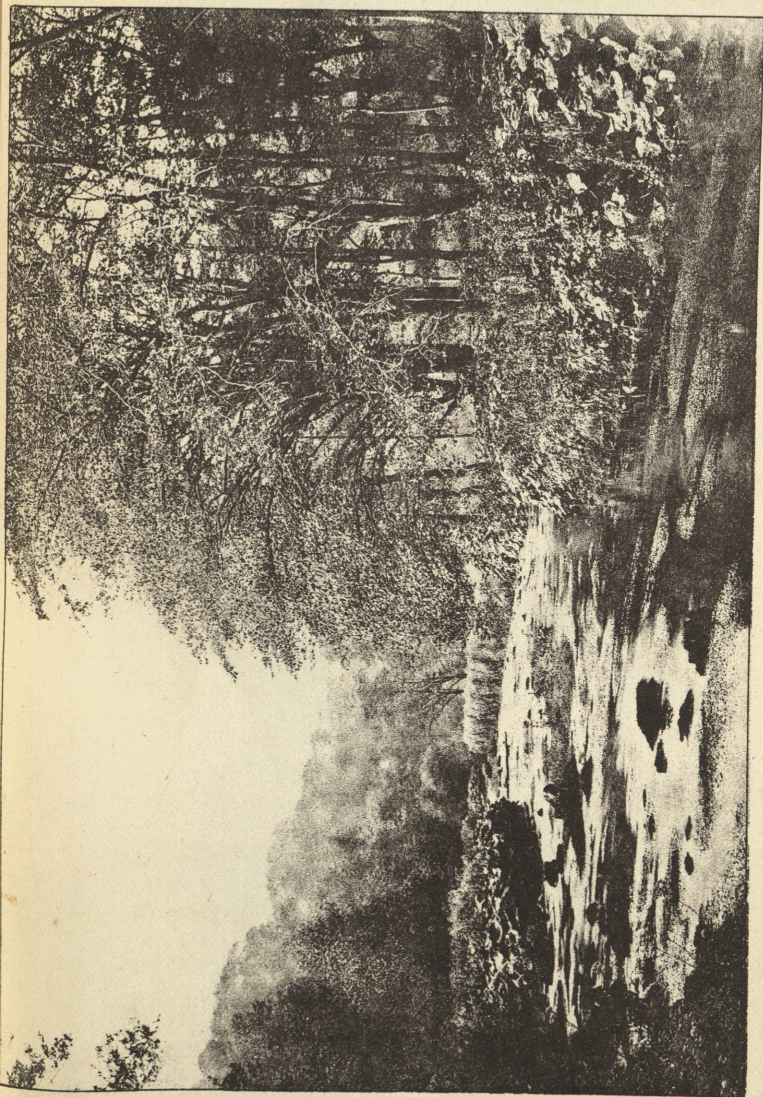
Photo-Litho.═══

A lithographic process for reproducing Drawings in line or stipple.

It is specially suitable for illustrations of Lace Curtains, Laces, &c., from the original objects.

SPECIMENS AND PRICES, WITH FULL PARTICULARS OF ANY PROCESS,
WILL BE SENT PER RETURN, ON APPLICATION.

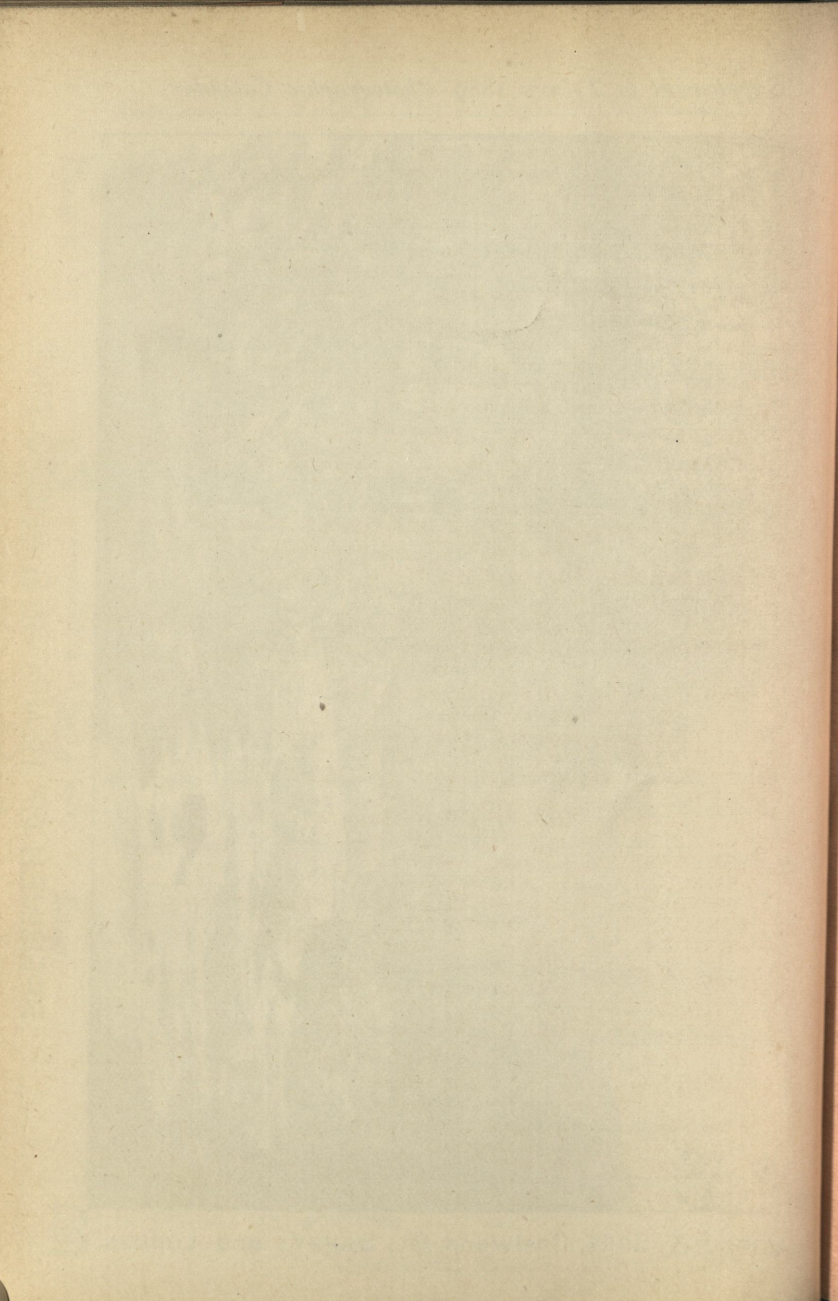
BEMROSE & SONS,
Chetwynd Street Works, Derby.



VIEW IN CHEE DALE, DERBYSHIRE.

SPECIMEN OF BEMROSE'S PHOTO-TINT.

Reproduced from a Photograph.



- MANCHESTER**—Chapman, Albert Square.
 Leather Sadler & Holmes, 24, Southall St., Strangeways.
 Wooley & Co., Market Street.
 Biddle, 97, Medlock Street, Hulme
 Ward, 249, Oxford Street.
 Armstrong, Optician, Deansgate.
- MAIDENHEAD**—Upson, 35, High Street.
- NEWPORT**—Atkins, 121, Commercial Street.
- NEWCASTLE-ON-TYNE**—Mawson & Swan, Mossley Street,
 Hall, 118, Grey Street.
- MATLOCK**—Barber, Bank Road.
- OXFORD**—Druce, 118, High Street.
 Wilson, Park End Street.
 Clayton, 167, Cowley Road.
 Taunt & Son, Broad Street.
- PRESTON**—Sharples, Electrician.
- RIPLEY**—Shepherd, Market Place.
- SCARBOROUGH**—Whitfield, 113, Westborough.
 Riches, 58, Prospect Road.
- SOUTHAMPTON**—Carter, 18, Laura Place.
 Winship, 40, East Street.
 Cullwick, 112, High Street.
- SUNDERLAND**—Walton & Son, 298, High Street.
- SHEFFIELD**—Art Co., 54, West Bar.
 Hewitt, 71, London Road, Heeley.
- STOCKTON-ON-TEES**—Brayshay & Sons, Chemists,
 Graham, Albion Stores.
- SOUTHSEA**—Penning, 14, Norfolk Street.
 Rastrick, Chemist.
- STOCKPORT**—Arnfield, 7, 9, 12, Lower Hillgate.
- SOUTHPORT**—Marsden, 26, Sefton Street.
- STOURBRIDGE**—Clark, Chemist, High Street.
- STROUD**—Coley, Chemist.
- STONEHOUSE**—Hodge, 31, Union Street.
- SWANSEA**—Parlby, 99, Mansell Street.
- SHREWSBURY**—Lainge, Castle Street.
- TORQUAY**—Bathe, 10, Abbey Road.
- TUNBRIDGE WELLS**—Cassingham, 27, Cambridge Street.
- TENTERDEN**—Skinner & Son, High Street.
- UTTOXETTER**—Parker, Chemist, High Street.
 Elley, Market Place.
- WESTON-SUPER-MARE**—Pumphrey, Chemist.
- WIGAN**—Rogers & Remerick,
- YORK**—Midgeley, 13, High Ousegate.

IRELAND.

- DUBLIN**—Mayne, Lord Edward Street.
 Robinson & Son, 65, Grafton Street.
- DUNGARVAN**—Keoghan, 17, Parnell Street.
- CLONMEL** P. Croke, Optician.

SCOTLAND.

- EDINBURGH**—Hume, 1, Lothain Street.
 Baird, 15, " "
 Steele & Stuart, South, Frederick Street.

EDINBURGH—Turnbull, 6, Rose Street.
 Guthrie, Chemist, Bonington.
 Walker, 16, Gladstone Place.

GLASGOW—McGhie & Bolton, 47, West Nile Street.
 Mason & Co., 180, Sauchiehall Street.
 Brown, 76, St. Vincent Street.
 Albion Albumenizing Co., 96, Bath Street.

ABERDEEN—Reid, 100, Holbourn Street.

DUNS—Wm. Charles.

DUNDEE—Feather's & Son, 43, Dock Street.

Agents keeping Stock in India and Australia.

INDIA.

BOMBAY—Phillips & Co., Photo Chemists.

Theo. Klein, Photographer, &c.

POONA—Phillips & Co., Photo Chemists.

AUSTRALIA.

SYDNEY—Elliott Brothers, Limited.

Lichtner & Co., O'Connell Street.

J. W. Small & Co., 193, Clarence Street.

MELBOURNE—J. W. Small & Co., 268, Little Collins Street.

Felton, Grimwade, & Co.,

BRISBANE—Elliott Brothers.

Lichtner & Co., Hayes Bds., Elizabeth Street.

NEW ZEALAND.

DUNEDIN—New Zealand Drug Company.

CHRISTCHURCH— do do

WELLINGTON— do do

AUCKLAND do do

CONTINENTAL HOUSES WHERE MY GOODS ARE KEPT IN STOCK.

BERLIN Romain Talbot, 10, Bruders trasse.

PARIS Nadar, 53, Rue des Mathurin's.

LISBON J. Ribeiro's 222, Rua Aurea.

OPORTO Carlo Ramo Pinto, 139, Rue Sada Bandeira.

GOTHENBURG P. Knudsen, 8, Kopinasgatan.

Hassellblad & Co.

DUSSELDORF E. Liesegang, 13, Cavelleriastrasse.

HAGUE Tamson, 7, Nieuwstraat.

AMSTERDAM Fischel, Junr. 88, Gelderschekade.

Grenier & Co.

Groote & Zn, 43, Kalverstraat.

BUDA PESTH Calderoni & Co.

BRUSSELS A Le Docte, Photo Chemist, 2 el. 4ct, Rue Sel Scuyer.

CHAM A. J. Maas.

JERSEY F. G. De Faye, 21, David Place.

The whole of the above have **DARK ROOMS** at disposal of **TOURISTS**, and will render all information as to scenery, &c., of note in their locality, and with one exception can speak English.

Visitors to Sweden should put up at Haglunds' Grand Hotel, Gothenburg. The proprietor I can heartily recommend as he is an ardent amateur photographer. Speaks English, and will give all information needed. The Hotel is large and comfortable. Charges moderate, and a **GOOD DARK ROOM** included.

Some useful things for all, introduced by
SHARP & HITCHMOUGH, Liverpool.

—:O:—
'APTUS' PHOTOGRAPHIC MOUNTANT

will not injure Photos or cause them to fade. Always ready for use. Will not turn sour or curl the leaves in Albums. Should be in use by every Photographer. A House, Shop, or Office is not complete without a bottle. Price 1s.

'APTUS' NEGATIVE RETOUCHING MEDIUM.

In one-ounce bottles, 1s.

'APTUS' FERROUS-OXALATE DEVELOPER.

Always ready, will keep indefinitely. 10-ounce bottle, 1s.; 20-ounce, 1s. 6d.

'APTUS' SULPHO-PYROGALLOL DEVELOPER.

Brilliant and clean Negatives always obtainable by this developer. Great latitude in exposures. Results cannot be equalled by any other formula.

Sold in 5-ounce bottles, 1s.; 10-ounce, 1s. 10d.; 20-ounce, 3s. 6d.

'APTUS' HYDROKINONE DEVELOPER.

A new and improved formula. Two solutions. 10-ounce bottle, 1s.; 20-ounce, 1s. 10d. Enough for 100 to 200 plates.

This developer is very quick in action.

'APTUS' INTENSIFIER. One solution, 5-ounce bottle, 1s.

'APTUS' NEGATIVE REDUCER.

Perfectly under control, 1s.

'APTUS' OPAQUE PASTE.

For Blocking out Skys, Backing Plates, &c. 1s.

'APTUS' HYPO-ELIMINATOR.

Whatever you do have a bottle of the Hypo-Eliminator at once. It saves valuable time.

WHAT IT WILL DO.

It will eliminate every trace of Hyposulphite of Soda from your prints and plates in five minutes.

It will remove pyro and other stains from your hands and clothes.

It will disinfect the dark-room, &c.

A bottle of this should be in the hands of every amateur and professional Photographer.

10-ounce bottles, 1s.; 20-ounce, 1s. 10d.; 40-ounce, 3s. 6d.

'APTUS' TRANSPARENT MEDIUM.

For rendering film Negatives translucent. 10-ounce bottle, 1s. 3d.

'APTUS' BROMIDE PENCILS.

For working up Enlargements, the Retouching being quite imperceptable.

Three grades Black and White. Price 6d. each.

'APTUS' GRASS MATS—

For Rustic Pictures, most artistic, to order 5d. per sq. ft.

'APTUS' LANTERN SLIDE MATS—

Oval, Circular, Dome, and Cushion 1/- per 100

'APTUS' GUM SLIPS OR BINDERS—

... .. 1/- per 100

—:O:—
W. TYLAR, 57, High Street, Aston, Birmingham.

Wholesale Agent for above Specialities.

DARK ROOM.

It is of paramount importance that you have a place for everything and keep everything in its place.

Attention to small details in manipulation is the sure stepping stone to success and will save much vexation of spirit.

Grooved Boxes.

FIRST.—I suggest that when plates are not packed in grooved boxes they should be transferred to metal grooved boxes, as they are less trouble to open in the dark, no unwrapping of several papers required, thus preventing litter and dust.

Take care in any case after filling your dark slides to *replace the lid* or spoilt plates will stare you in the face. I had this vividly impressed upon my mind in days gone by. It is chiefly in contact printing this is likely to occur.

Bottles.

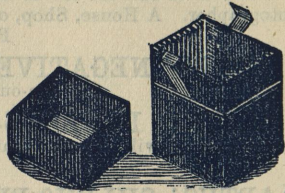
SECONDLY.—Bottles should be dealt with systematically, for here lies the comfort of working in a red light. Have as few bottles as possible, they will accumulate fast enough as you progress, but let everyone in use be boldly and distinctly labelled and varnished over with a waterproof varnish which will render them impervious to drainings down the sides. Printed labels can be had very cheaply.

If money is no object, glass bottles with raised letters can be purchased. (See Advt.)

Empty Pyro bottles are useful for storing dry chemicals, as empties are always in the way, and should either be put to use or banished from the dark room.

TYLAR'S ZINC PLATE BOXES.

DO NOT RUST.

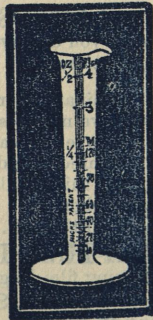


English,		Continental.	
$\frac{1}{4}$ plate	1/6	9 x 12	1/9
$\frac{1}{2}$ "	2/6	13 x 18	3/-
1/1 "	4/-	18 x 24	4/6
10 x 8	5/-		
12 x 10	6/6		

Each holding 12 Plates.

Any size to order.

HICK'S PATENT OPAQUE MEASURES.



All Dealers keep these in Stock.

DROPPING TUBES

3d. each.

The most convenient way of measuring single drops of fluids.

MEASURES

Are varied in size and quality and I would strongly recommend two for ordinary work, a dram and a 4 oz. Hicks' latest new opals as per cut, although more expensive, are easily read in any light, the divisions and lettering being black on a white ground.

RUBY LAMPS

I think will be superseded by those of orange color, the yellow is safe, especially if of glass colored properly throughout its substance, my lamp can be depended upon in this respect and its further advantage is the easy manner in which a diffused white light can be obtained by simply throwing back the yellow screen, leaving ground glass to soften and diffuse the direct rays.

DEVELOPING.

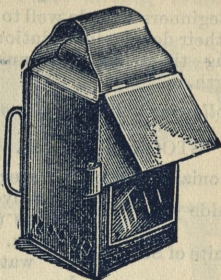
For a long time amateur's and others were content to take up a tray and trust to memory for using the right one. There is no necessity for anything of the kind now. There is nothing like having a proper set and distinctly marked as to be easily read. I have therefore introduced a tray practically unbreakable, light, and deep enough to prevent slopping over. They can be labelled with any name to order, the ordinary sets of four trays are labelled, alum, water, fixing, and developer, in English, French or German. Can be supplied to 54 x 36 inches.

FOLDING TRAYS.

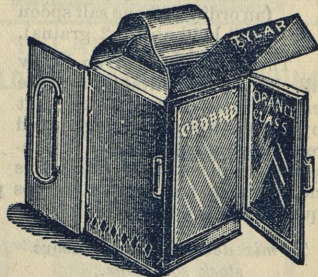
These are specially made for travelling, extremely portable, pack flat when not in use, but readily adjusted to hold solutions by the metal corner clips attached. These are also labelled as the above, they are made of willesden waterproof paper. In sizes larger than 12 x 10. I bind the edges with metal to give the necessary strength to the sides. See page 36. These are also packed in sets of 4.

TYLAR'S LAMPS.

No. 1 ... 4/-
Large size for Professionals 7/6



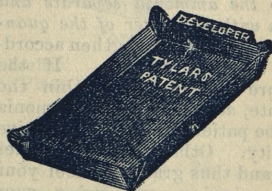
• L.N.H.S



OPEN.]

[Patent applied for.]

TYLAR'S PATENT COMPRESSED PULP TRAYS.



Per Set of 4 Trays.

English		Continental	
$\frac{1}{2}$ Plates...	3/6		
5 x 4	4/0	9 x 12	4/0
$\frac{1}{4}$	5/0		
7 $\frac{1}{2}$ x 5	6/6	13 x 18	6/6
1/1	8/0	18 x 24	10/0
10 x 8	12/0		
12 x 10	15/0		
15 x 12	20/0		
20 x 16	50/0	Other sizes quoted for.	
24 x 20	65/0		
26 x 23	80/0		

A Good Developer.

Beginners will do well to simplify their developing solutions by making them up to a uniform strength.

The following will not be far out.—

STOCK BOTTLES.

Ammonia °880 1 oz. Water 9 oz.
 Bromide 1 " } dissolve and
 " } make up to
 Sulphite of Soda " } 10 oz. with
 " } water.
 Pyro ... use dry.
 (an ordinary bone salt spoon
 will hold about 2 grains).

The proportions given below will be found suitable for the general plates in the market, but any makers formula can be mixed from above stock solution by reducing the formula given to grains and miniums per oz. 10 drops equal to one grain or minium.

To mix developer from above stock solutions.

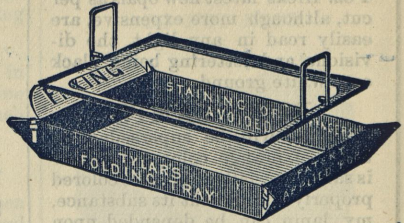
Sulphite of Soda 125 mins.
 Bromide ... 25 "
 Pyro ... 2 grains.
 Ammonia ... 45 mins.
 Add water to make 1 oz.

Keep the ammonia separate and begin with a quarter of the quantity stated, and strengthen according to requirements. If the picture appears say within the minute, don't add more ammonia but be patient and time will give density. Otherwise put another $\frac{1}{4}$ in and thus gradually feel your way, coaxing and using your brains.

Developing Dodge.

A Camel Hair Brush will be found useful for applying stronger solutions, either to restrain or accelerate local parts, by this careful dodging a negative is wonderfully improved.

TYLAR'S PATENT FOLDING TRAYS.

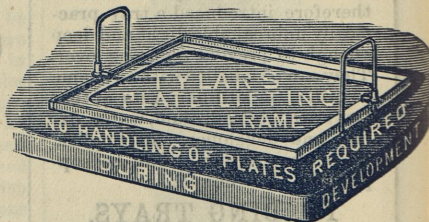


Per Set of 4.

English			Continental	
$\frac{1}{4}$ Plate	...	1/0		
5×4 "	...	1/3	9 x 12 Plates	1/3
$\frac{1}{2}$ "	...	1/6		
$7\frac{1}{2} \times 5$ "	...	2/0	13 x 10 "	2/0
1/1 "	...	2/6		
10×8 "	...	3/6	18 x 24 "	3/6
12×10 "	...	4/6		

Fold flat when not in use.

TYLAR'S PATENT PLATE LIFTING FRAMES.



Per Set of 6. Silver Plated Lifters.

English			Continental	
$\frac{1}{4}$ Plate	...	2/6	9 x 12 Plate	3/6
5×4 "	...	3/6	13 x 18 "	6/0
$\frac{1}{2}$ "	...	5/0	18 x 24 "	10/0
$7\frac{1}{2} \times 5$ "	...	6/0		
1/1 "	...	7/6	Other sizes made	
10×8 "	...	10/0		
12×10 "	...	12/0	to order.	

Any size made to 30 x 24 inch.

Plate Lifting Frames.

By means of these simple and useful frames, all operations from development to the final washing can be performed *without the fingers coming in contact with either the plates or chemicals used*, thus avoiding any stain to the fingers because the plates are lifted bodily with frame from one bath to the other, can readily be rinsed in water or examined by transmitted light, and easily rocked in the solutions.

Washing & Drying Racks

I desire particularly to draw attention to these invaluable articles, which are the only racks in the market which allow a *free current of air to permeate the plates in all directions*. They are made to hold one dozen plates in special grooves, japanned and covered with india rubber to prevent contact of plates with metal, made in two patterns as per cuts in margin, folding and rigid, as on page 38.

Amateurs who have used basins, jugs and dishes will do well to give up that unsatisfactory style.

Tanks

Are made to hold the racks, with stop cock so that a current of water can constantly pass through, regulated by the supply Tap.

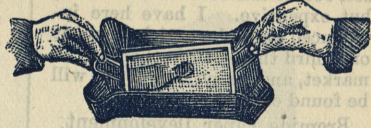
Avoid Dust.

In cleaning the Dark room, deal gently with the dust, a damp cloth or sponge is far better than brushing it up all over the room.

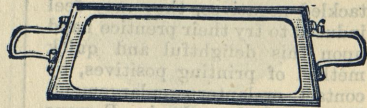
It is amusing to see the questions asked by some, how to keep the film on, and others how to take it off. Spoilt plates can be readily cleaned by placing them in hot water with a bit of soda and using a stiff brush.

Tylar's Plate-Lifting Frames.

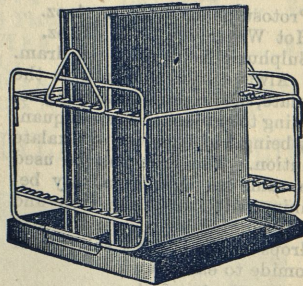
IN USE.



FOLDED FOR PACKING.

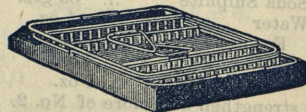


TYLAR'S PATENT FOLDING, WASHING, DRYING, AND DRAINING RACKS.



OPEN.

English		Continental
$3\frac{1}{4} \times 3\frac{1}{4}$ Plate }	1/6	9 x 12 Plate... 2/0
$\frac{1}{4} \times 4$ " }	2/0	13 x 10 " ... 3/0
$\frac{1}{2} \times 4$ " }	2/6	
$7\frac{1}{2} \times 5$ " }	3/0	18 x 24 " ... 4/6
1/1 " }	3/6	
10 x 8 " }	4/6	
12 x 10 " }	5/6	Any size to order.
15 x 12 " }	6/6	



CLOSED.

Plate Rocker.

In prolonged development a self rocker has been found useful, but expensive. I have here introduced a simpler article at about one third the cost of others in the market, and which in practice will be found equally effective.

Bromide Paper Development.

When beginners have well tackled negatives, they may feel induced to try their prentice hand upon this delightful and quick method of printing positives, by contact, or lantern enlargement. The usual formula is Ferrous Oxalate made up thus.—

IRON DEVELOPER.

Oxalate Potash 4 oz.

Hot Water 12 oz.

Acidify with sulphuric acid.

Protosulphate of Iron 4 oz.

Hot Water ... 8 oz.

Sulphuric Acid ... $\frac{1}{2}$ dram.

Always add the Iron to the Oxalate, the proportion varying according to subject. Normal quantity being 1 of Iron to 6 of Oxalate Solution. The Iron can be used the same as Ammonia, say beginning with half the iron and strengthening as required. Use 2 drops of 10 per cent solution of Bromide to each ounce.

Hydroquinone

can also be used, I have found excellent results in contact work. Either Morgan & Kidd's or Fry's paper, it is only fair to infer that other makes of paper will do as well.

No. 1 Soda Carbonate	} 60 grs.
Crystals ...	
Water ...	1 oz.
No. 2 Hydroquinone...	12 grs.
Soda Sulphite ...	60 grs.
Water ...	1 oz.

For use—No. 1 ... 1 oz.

„ 2 ... 2 oz.

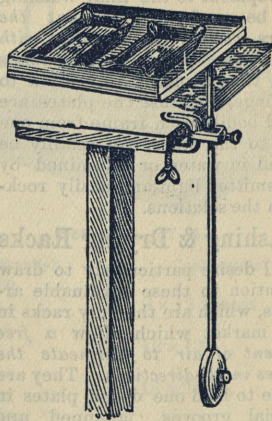
Water ... 1 oz.

To strengthen add more of No. 2.

For detail, dilute with water.

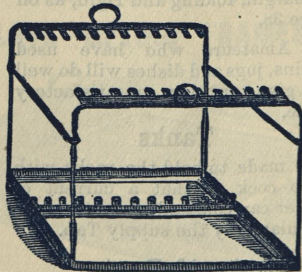
TYLAR'S PLATE ROCKER.

Can be attached to any table.



Each 6/-

TYLAR'S RIGID RACKS.



English		Continental	
$3\frac{1}{2} \times 3\frac{1}{2}$...	1/0	9×12 ...	1/6
$\frac{1}{4}$ Plates ...	1/0		
5×4 ...	1/6	13×18 ...	2/0
$\frac{1}{2}$ Plates ...	1/9		
$7\frac{1}{2} \times 5$...	2/0	18×24 ...	3/0
$8\frac{1}{2} \times 6\frac{1}{2}$...	2/6		
9×7 ...	3/0	Any size to order.	
10×8 ...	3/6		
12×10 ...	4/6		

Silver-plated Racks for use in fixing Bath, prices on application.

Exposure of Paper.

In contact printing it is well to hold the frame a considerable distance from the light, and even put tissue paper between; this will soften the shadows to a wonderful degree, preserving details in the darker portion, which would otherwise be lost. If my lamp is used, the distance need not be more than usual, and paper dispensed with, as the ground glass diffuses the light with the same result. See Lamps, page 35.

Pure Whites.

Another wrinkle is to soak the paper in acid bath, both before pouring on developer and after, thus preventing precipitation of the iron salts in the fibres of the paper, clearer whites are thus obtained.

Film Clip.

Fingering the paper will often cause black marks to appear where not expected. I have therefore put forward a simple clip to remedy this, and save contact of developer with the hands. See side column.

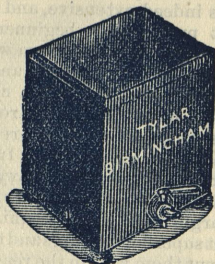
Some trouble will be experienced at times in extricating the paper from the tubes they are sent in, the remedy is a piece of flat elastic band, cotton covered (as sold at any Drapers) made to slip over end of roll thus preventing their clinging to the side of tube.

Self-Lighting Jet.

In contact work the gas is required up and down, and to do this to a safe point, often means putting out. The burner in question can be lowered to the safe point, but not put out. This will save the operator being put out also. See page 53 for prices.

TYLAR'S TANKS

TO HOLD RACKS.

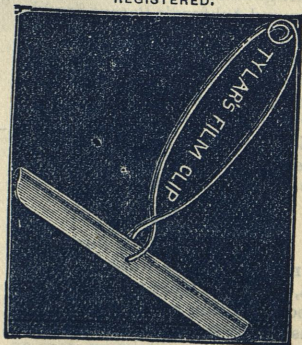


Strongly Japanned, with Tap to regulate outflow.

English		Continental	
$3\frac{1}{4} \times 3\frac{1}{4}$...	1/3	9 x 12 ...	1/6
$\frac{1}{4}$ Plates ...	1/3		
5 x 4 ...	1/6	13 x 8 ...	2/0
$\frac{1}{2}$ Plates ...	1/9		
$7\frac{3}{4} \times 5$...	2/0	18 x 24 ...	3/6
1/1 ...	2/6		
10 x 8 ...	3/6	Other sizes to	order.
12 x 10 ...	4/3		

TYLAR'S FILM CLIP.

REGISTERED.



Prices per Set of 6.

$\frac{1}{4}$ Plates ...	...	...	1/6
$\frac{1}{2}$ " ...	...	...	2/6
1/1 " ...	...	...	3/6

These will do for Continental sizes also.

Cameras.

The variety now before the public is indeed extensive, and the greatest puzzle to a beginner is to know which to choose from, well-to-do people demand appearances, and of course pay for it, the chief requisites, however, for all round work is strength, rigidity, reversing back, rising and falling front, swing back, &c., not too heavy for portability, the Camera shewn in the margin has these requisites without superfluous fittings and their prices put them within the reach of all who seriously mean Photography.

Stands.

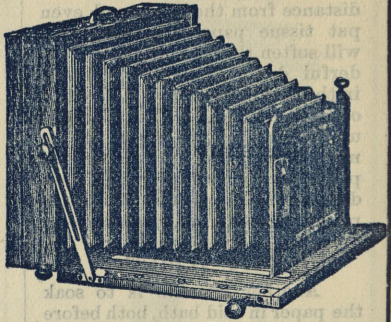
Light Stands although convenient for carrying, are not always reliable when one is out in the country amongst rocks and stones, leaping over gates and hedges. My 4-fold stand on page 43 can be relied upon, but is specially adapted for packing into a small compass, such as a portmanteau. If my readers don't mind a few shillings extra, I can strongly recommend Ashford's Patent Stands, which are *par excellence*, my customers have frequently testified their great satisfaction of these stands, after the severe trials they have been put to from time to time, *while personally, I would use no other*, because a firm stand is half the battle. See also page 18.

Lenses.

Although a Cigar Box might be made to do the work of a camera, a common lense will never give good definition and the beginner must really strive to put in as much money for so important an item as possible. If the lenses of best makers who have a name, cannot be aspired to, then the next are the french lenses. These will do good work, but lower priced lenses are best left alone.

TYLAR'S OUTFIT.

Is the Cheapest and Best in the Market.



Each Camera has Rack adjustment, Swing Back, Rising and Falling Front, Reversible Back, for taking picture either way of plate; Double Extension Bellows, enabling long and short focus lenses to be used.

Each one has Three Patent Double Metal Dark Slides, or if preferred, one Wood Slide.

A Rapid Rectilinear Lens and a good firm Stand complete.

		£	s.	d.
$\frac{1}{4}$	Plate complete	...	3	10 0
$\frac{1}{2}$	"	...	5	0 0
$\frac{1}{1}$	"	...	8	0 0

Others sizes quoted for.

Any Maker's Cameras obtained at published prices, and fitted with Metal Dark Slides if required.

Cameras only, without Lens or Stand

	£	s.	d.
$\frac{1}{4}$ plate. with 3 Double Slides	2	2	0
$\frac{1}{2}$ " " "	3	10	0
$\frac{1}{1}$ " " "	5	0	0

Other sizes quoted for.

LENSES.

Having accepted the Agency for one of the French houses, I shall shortly publish a detailed list.

Aptus Finder.

This is one of the most useful adjuncts ever invented, it can be used in a double capacity. By using it as a pocket companion the best views can be selected. A reduced reproduction of the object may be seen perfectly defined in sunlight and always in focus.

For instantaneous work it stands without a rival, as by attaching in a slot on camera, moving figures can be readily centred. The finder can be carried in waistcoat pocket and is suitable for any kind of lens.

Plumb Indicators.

Spirit levels superseded; no watching for bubbles remaining stationery. It can be seen at a glance when the Camera back is upright. The contrivances as shewn in cut are readily attached to any Camera, and should be on all, as they cannot then get lost. If the plate is vertical, the building will naturally be straight.

Leather Cases.

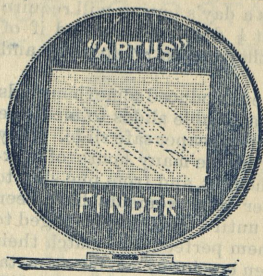
These are strongly made in Buff Leather, baize lined, spring lock, handle and shoulder strap, of the very best quality. For wear and tear quality guaranteed, and offered at very moderate prices.

Exposure Meter.

See page 47.

To ascertain the correct length of exposure has been the ambition of many, and Pickard's latest invention has now hit upon a method that will give satisfactory results. It cannot get out of order, is light, and of small bulk, for packing in Camera or pocket. This Instrument deals quickly with the light emanating from the objects Photographed. There is no calculation to be made, the correct exposure can be read at a glance, by pointing the tube towards the shadows or foreground of the view, and moving a small pointer till the letters on screen inside are just visible.

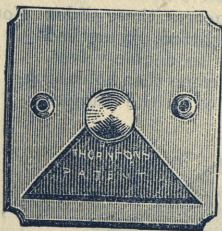
APTUS FINDER.



3/6 Each.

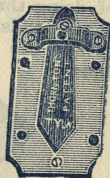
With fittings to attach on Camera.

TYLAR'S PLUMB INDICATOR



For Back of Camera.

THORNTON'S PATENT.



For Side.

1/0 Each.

Tylar's Leather Cases.

Any size quoted for. Give inside dimensions.

To hold 1/4 plate set, page 40	- 12/6
" 1/1 " "	- 20.-
" 1/1 " "	- 30/-

WITHOUT STAND.

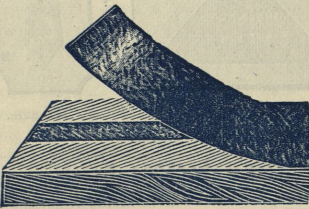


Dark Slides.

Here again the beginner who desires a day's outing will require at least $\frac{1}{2}$ dozen slides, and if of wood they are both expensive and bulky.

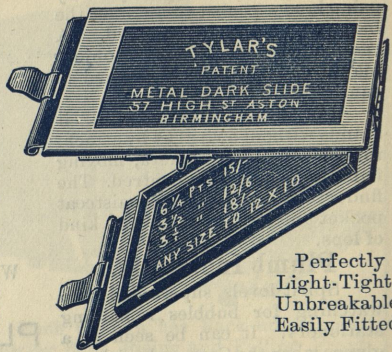
I have introduced some thousands of metal double slides to meet the want of a cheaper safe slide. They have cost me many hours of anxious thought, and from one step to another improvements have been made until I have now managed to get them perfected to match their wooden brethren, as far as metal can make it practicable. The difference in their favour: *They will not warp or break, take up less room, 6 double slides pack in 3in. space, are one fourth the price, and for hard work outlasts 4 wood slides.*

To be a success these slides must be properly fitted. My method of doing this is to double velvet, the two ends of frame that holds or carries the slides in the camera thus.



A narrow strip of velvet is glued down to the centre of framework; leaving a space each side on which to glue the overcapping broader piece of velvet. *On no account allow the glue to get on the top of this narrow velvet or the springiness is interfered with and imperfect bedding is the result.* This need only be done at the ends of frame. The rebates somewhat protect the sides, and one thickness of velvet glued flat on the wood is sufficient there. I give these particulars for the use of such customers as make their own woodwork.

TYLAR'S PATENT METAL DARK SLIDE.



Perfectly
Light-Tight,
Unbreakable
Easily Fitted

Not affected by change of climate, as simple to use as Wood Slides.

English			
Set of 6—	$3\frac{1}{4} \times 3\frac{1}{4}$	...	15/0
„ 6—	$\frac{1}{4}$ Plates	...	15/0
„ 6—	5×4	...	18/0
„ 3—	$\frac{1}{2}$ Plates	...	12/6
„ 3—	$7\frac{1}{2} \times 5$	...	14/6
„ 3—	$8\frac{1}{2} \times 6\frac{1}{2}$	...	18/0
„ 3—	9×7	...	20/0
„ 3—	10×8	...	22/6
„ 3—	12×10	...	30/0
C C Continental			
Set of 6—	9×12	...	18/0
„ 3—	13×18	...	14/6
„ 3—	18×24	...	20/0

Other sizes quoted for.

Every genuine Slide has my name and address stamped on each Shutter.

ADAPTERS.

$\frac{1}{4}$ pl. $1/6$ to $2/6$; $\frac{1}{2}$ pl. $2/6$ to $3/6$; $1/1$ pl. $4/6$; 10×8 $5/6$; 12×10 $6/6$ each.

DARK SLIDE PROTECTORS.

Cloth covered, flannel lined. Keeps your slides from getting scratched. Each has brass numbers to correspond with numbers on slides. In ordering state width, length, and thickness of slides. Stock sets for my Metal Slides,

$\frac{1}{4}$ Plate, numbered 1 to 12, 3/- set of 6.
 $\frac{1}{2}$ " " 1 to 6, $2/6$ " 3.
 $1/1$ " " 1 to 6, $3/9$ " 3.

Any sizes quoted for.

Instructions for Ordering METAL SLIDES.

If the Camera to be fitted has a separate reversing back frame it is best to send this by parcels post *packed securely, and the name and address of sender, attached thereto.*

Camera backs are not made to a standard gauge and a correct fit is only assured by having them sent.

In Cameras of old pattern in which the slides are inserted in a wide groove or slot. The back portion of the Camera, *not the slide*, must be sent to insure an exact fit. If these Cameras are square, the Adapters supplied acts as a Reversing Back. I can fit these slides to any make of Camera, whether *ancient friends or new acquaintances* without interfering in any way with their previous mode of using. *No alteration whatever is made to the Cameras*, simply an addition. See prices page 42.

The still increasing demand I have for these slides at home and abroad is a sufficient proof of their merit, again imitators have appeared on the scene, which is a confirmation of the success, prophesied by the Photographic Journals. I advise my readers to compare for themselves before purchasing. My slides are stamped legibly on each shutter with full name and address.

Note over 12,000, sold.

Over 300 testimonials received in their favor from operators of every nationality.

Detective Cameras.

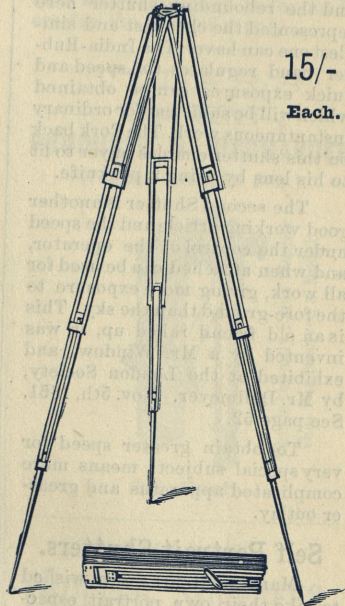
My slides can be supplied with shutters to draw out entirely for use with detective Cameras.

CARRIERS.

Internal Carriers can be used for carrying smaller sizes of plates in these slides.

TYLAR'S FOUR-FOLD STAND

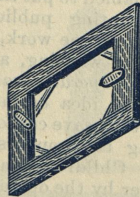
For Packing in Pormanteau.



15/-

Each.

INTERNAL CARRIERS.



Carriers for holding smaller Plates in Dark Slides supplied. Each Carrier holds two Plates.

CARRIERS FOR

$\frac{1}{2}$ Plates, Slide 1/0	10 x 8 Slides	2/0
1/1 Slides ... 1/6	12 x 10 "	2/6

Any size opening.

Made to Continental measurements also.

Shutters.

Shutters are only necessary for moving objects, but those who delight in instantaneous work will find the rebounding shutter here represented the cheapest and simplest one can have. The India-Rubber band regulates the speed and quick exposures can be obtained which will be sufficient for ordinary instantaneous work. The Cork back on this shutter enables buyer to fit to his lens by using a penknife.

The second Shutter is another good working article and the speed under the control of the operator, and when attached can be used for all work, giving more exposure to the fore-ground than the sky. This is an old friend raked up, it was invented by a Mr. Window, and exhibited at the London Society, by Mr. Dallmeyer. Nov. 5th, 1861. See page 52.

To obtain greater speed for very special subjects means more complicated apparatus and greater outlay.

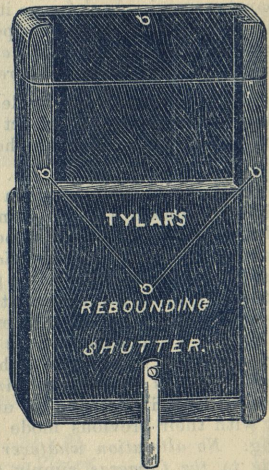
Self Portrait Shutters.

Many amateurs have wished to take their own portrait especially in groups. By arrangements with Mr. S. Delicate, the inventor. I am now enabled to put this before the ever wanting public. It is useful in landscape work, where a figure is often wanting, and none handy. *The operator can pose to suit his own idea of the correct figure and thus save cost of shutter in avoiding the coppers usually required.* Children can also be taken easier by the operator being away from the camera.

This Shutter is not intended for instantaneous exposures, but is constructed so that the operator can give exposures of any duration from about a quarter of a second upwards.

See Competition, page 56.

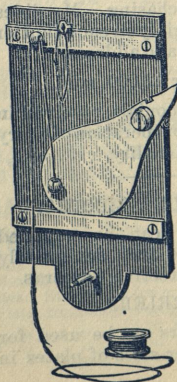
TYLAR'S REBOUNDING SHUTTER



Each has a Cork Back, so buyer can fit own lenses.

$\frac{1}{4}$ Plate $\frac{1}{6}$ $\frac{1}{2}$ $\frac{2}{0}$ $\frac{1}{1}$ $\frac{3}{0}$ &c.

TYLAR'S SELF PORTRAIT SHUTTER.



See Prize Competition, page 56.

Made in two sizes.

No. 1 ... $\frac{5}{0}$
fit lenses up to
2 in.

No. 2 ... $\frac{7}{6}$
fit lenses up to
3 in.

Extra large
to order.

Tylar's Metal Dark Slides, see pages 42 & 43.

Print Washers.

The current producer and discharger is one of my latest inventions and differs from any other print washing apparatus extant. It can be attached to any sized vessel, and therefore will do double and treble the work of any apparatus limited in capacity. The inflow and outflow of water can be adjusted to any height desired in the vessels and kept there. By turning on the tap the operators can see their glorious prints sailing round eternally. No clogging. No tearing, leaving them without fear of washing over into the sink, or to be stranded upon a dry bottom, as the tank cannot run dry. The above are specially suitable to professionals who have to deal with prints of all sizes.

Directions for use.

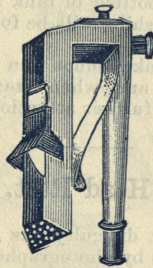
Select your vessel, fill it with water, slip the Current Producer over the side so that the spring holds it close, then attach by means of a piece of india-rubber tube to the tap, turn the tap on and a current is immediately produced. Now unscrew the top screw till the water rushes through the outside arm in a clear stream free from air, turn screw down again to its original position and the tank will empty itself at the same speed as tap supplies it.

It can also be started by unscrewing the top screw and then turning the regulator at the bottom of syphon tube so that it forms a plug. This allows some of the water from the tap to flow into the syphon tube, which becomes gradually filled with water. The pent up air escapes from the slots in front of the apparatus, rising in the form of air bubbles to the surface of the water in the tank. It is now an easy matter to watch until air bells cease to rise, when you know the syphon is

ready to act. All then required is to turn regulator round so that the holes coincide when the water will rush out. The metal slide on front is only used with small vessels such as a bucket, and is for moderating the force of supply.

TYLAR'S CURRENT PRODUCER & DISCHARGER

(PATENT APPLIED FOR.)

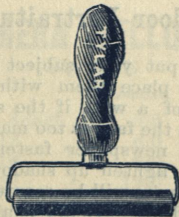


This is the only Print Washer
that has received a Medal.

8/6 Each.

TYLAR'S ROLLER SQUEEGES,

*An improvement over the
old flat pattern.*



3-inch ...	1/0	7-inch ...	2/4
4-inch ...	1/4	8-inch ...	2/8
5-inch ...	1/8	9-inch ...	3/0
6-inch ...	2/0	10-inch ...	3/4

Any size made to order.

Whirlpool Washer.

A boon at last to Amateurs who have only a few dozen prints at a time, and those generally of the smaller sizes, the apparatus figured in margin will be found the most thorough and useful washer extant.

The same arrangement is used for producing a perpetual motion to the prints when in action, as shewn in the Current Producer on page 45. The hypo is carried off from the bottom of tank and one hours' washing will be found sufficient.

The tank cannot run dry or overflow, and when started requires no further attention.

Head Rest.

A great difficulty has been experienced by photographers to get many persons to sit perfectly still for a few seconds only, hence the necessity of a support to steady the head. My rest can be attached to a chair back, and the price shewn will put the same within the reach of all.

Outdoor Portraiture.

Don't put your subject in the sun but place them within the shadow of a wall, if the shadow found on the face is too marked, a sheet of newspaper fastened on wall will lighten up shadows and softer results will be secured.

A good back-ground is a yellow blanket, a large sheet of brown paper, such as Tailors use, or a sheet of *Ceder Feltine*, as used for laying under carpets, costing about 6d. per yard.

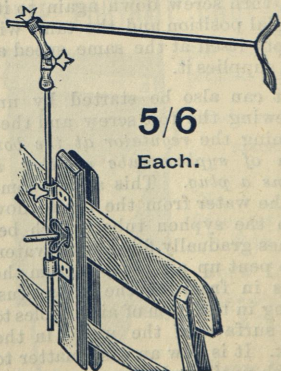
TYLAR'S WHIRLPOOL WASHER.



15 x 9-inch ... 8/6 each.

DIRECTIONS.—Fill tank with water, then attach it to tap with india-rubber tube; and turn the water on.

TYLAR'S HEAD REST.



Exposure Meter.

The advantages of this meter is obvious and requires no calculation of light, subject, stop, time of day, color of object, &c., &c., as per the numerous tables now in the field to worry the operator. The meter gauges the intensity of light emanating from the object photographed.

To use the instrument, place to the eye, and point to the foreground or dark shadows of pictures required, when you will observe letters more or less bright, the pointer shewn in cut must now be moved along the scale, which works a valve inside, cutting off the light until the said letters can only be just read; by referring to scale and reading the right-hand side of pointer, according to stop used, the necessary seconds of exposure will at once be seen.

Camera Bellows.

Having had many enquires from customers making their own Cameras, I have made arrangements for supplying these at a low price, compatible with the best quality and workmanship.

Note.—Every Bellows is guaranteed.

CAMERA FITTINGS.

All kinds of Brass work can be quoted for. State wants.

Diaphragm Holders.

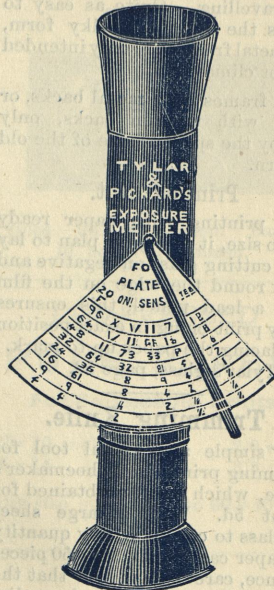
Patented.

A useful little appliance for fixing to the side of your Camera to hold diaphragms. You thus ensure taking them with you. Price 2/6 each.

COUNTRY CUSTOMERS.

For convenience of these I will obtain any dealer's or maker's goods at advertised prices, and enclose with orders.

TYLAR'S EXPOSURE METER.



7/6

Instructions with each.

CAMERA BELLWS, SQUARE

		Leather.	Cloth.
$\frac{1}{4}$ plate,	8-inch pull	3/6	2/9
$\frac{1}{2}$ "	12 "	6/0	4/6
$\frac{3}{4}$ "	18 "	8/0	5/6
1/1 "	21 "	12/0	7/6

Any size quoted for.

Conical shape at little higher prices.

In ordering, state size of back of bellows, length of pull, and if conical, size of front.

Printing Frames

(DURNFORD'S).

These frames take up much less space than the ordinary form, making them specially convenient for travelling. Quite as easy to use as the ordinary bulky form, The metal frames are only intended for hot climates.

Six frames with metal backs, or three with wooden backs, only occupy the space of one of the old pattern.

Printing Hint.

In printing with paper ready cut to size, it is a good plan to lay your cutting glass on negative and mark round the edge on the film with a lead pencil, this ensures every print being in exact position by placing the paper up to mark. See Tylar's glass, page 53.

Trimming Knife.

A simple and useful tool for trimming prints is a shoemaker's knife, which can be obtained for about 5d. With a large sheet of glass to cut upon, any quantity of paper can be cut; say 50 pieces at once, care being taken that the cutting glass is held firm from slipping. The prints when toned will then be ready for mounting without further trimming.

Holding Cutting Glass.

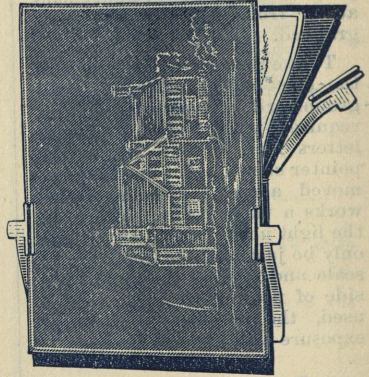
If your cutting glass has no knob on it a difficulty will be found in holding it firmly down on the paper. Remedy—Cement a cotton reel down on the glass with *Marine Glue*, made hot by holding in a flame.

Your mountant should be squeezed through muslin to ensure a uniform layer free from lumps. I prefer thick flour paste or better still, Aptus Mountant, which needs no preparation. See page 33.

TYLAR'S PRINTING FRAMES

(DURNFORD'S PATENT.)

With either *Wood* or *Metal* Backs as preferred.



$\frac{1}{4}$ Plates	...	...	10/0 dozen.
$\frac{1}{2}$ "	...	...	15/0 "
1/1 "	...	...	24/0 "

TYLAR'S PRINTERS' INDICATORS.

Invaluable for Professionals.

8d. per Dozen.

Can be attached to Printing Frames by two screws.



Tylar's Backgrounds, Good and Cheap.

Vignette Clips.

Vignetting glasses are costly and easily broke and not generally used by professionals. The simplest method is to cut a hole out of cardboard to the shape wanted, and make the inside edge like a saw, and then cover with tissue paper; the hole being cut smaller than the vignette required. In placing these over frames, there is a great possibility of shifting—to avoid this the custom is tack or paste down. In the margin however, will be seen a clip that will hold the vignette card in position, and prevent disfiguring the printing frames.

Pulp Slabs.

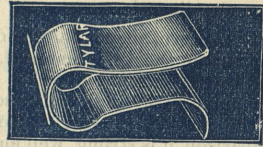
To obtain a glazed surface on Bromide prints and other papers having gelatine as a basis, it is necessary to squeeze and dry on a polished surface. I here introduce a new feature of compressed pulp slabs, requiring no preparation, and not liable to break, and thoroughly efficient.

Flashlight Photography.

This is fascinating branch of winter evening photography, and good results are to be obtained. You must keep magnesium powder dry as it seems to absorb moisture from the atmosphere, and it is well to get it from a thoroughly reliable source, as many samples have been found adulterated with zinc filings. Always use white sheets hung about the room as reflectors to soften shadows and prevent harsh contrast. The apparatus of Messrs. Hinton & Co., 38, Bedford St., Strand, London, can be used in any ordinary spirit lamp or bunsen burner, price 3/6. You will also get reliable magnesium here.

TYLAR'S VIGNETTE CARD HOLDER.

REGISTERED.



Prices.—9d. per dozen. Packed
in boxes of 1 dozen.

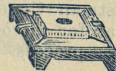
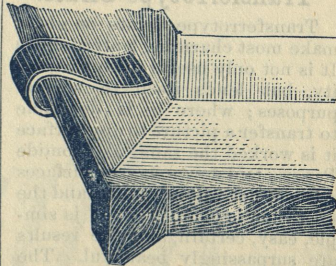
COMPRESSED PULP SLABS,

For Squeezing Prints.

12 x 10 inch Slabs	...	2/0 each.
16 x 14 " "	...	3/3 "

Any size quoted for to 30 x 40 ins.

SHEWING HOLDER APPLIED TO FRAME.



Lanterns.

Nothing is more pleasing than to make nice Lantern Slides of your own work, and to possess a reliable lantern, to delight the old and young folks at home, or help on a good cause here and there, by sundry little lectures.

My Lantern, shewn here, is constructed of the best material, at the lowest reasonable price, and although a little higher than some in the market, I can challenge comparison, it is strong, well made, and marked at a low price *without sacrificing the quality in any part.*

Separate parts can be supplied for Amateurs who desire to make their own lanterns. *Prices will be quoted on application.*

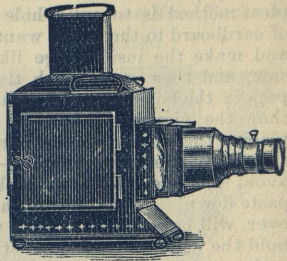
Lantern Slides.

It is well for operators to have samples of some of the best slides obtainable as an impetus to their exertions to success. I should advise them to refer to the advertisement on the inside of Back Cover, and get some of these "gems of Scenery" issued by Messrs. Wilson and Co., of Aberdeen, they will then know what constitutes a perfect lantern slide.

Transferrotype Slides.

Transferrotype prints on glass, make most charming lantern slides. It is not only useful in this capacity, but lends itself to several purposes; where it is desirable to transfer a picture to any surface it is worked the same as Bromide Papers, laid down on the surfaces wished, hot water applied and the operation is complete. It is simple, easy, certain, and the results are surpassingly beautiful. The Eastman Co. deserve the thanks of all for introducing so interesting a process.

TYLAR'S LANTERNS.



This has a powerful 3-Wick Lamp, 4-inch Acromatic Condensors, Portrait Front lens on Brass adjustable tube. Door at back and side, of thorough good quality in every way. £2 each, in well made Travelling Case, with Leather Handle.

TIN SLIDE BOXES

With Grooves in preparation.

Mahogany Body Lantern
as above, £3.

Tylar's 3-Wick Lamps

10/6 each.

Agent for Walter Tylar's Lanterns
send for List.

I import Condensors and Lenses direct from Paris, prices of any size on application.

Any other maker's Lanterns supplied at advertised prices.

Negative Storer.

Several plans have been formulated for the systematic storage of Negatives, yet there frequently is a difficulty in finding the one wanted. My method, is to give ease either in putting away a Negative or finding one without loss of time.

ADVANTAGES.

They can be stored on a Book shelf and look like a library—and labelled or lettered according to taste of operator.

To find required negative, the fastener is loosed, and by pulling the projecting tag, the whole dozen glide out, as shewn in illustration below, the number and title being upon each envelope, the negative is readily taken out free from dust and scratches. What can be simpler?

The insides of the *unbreakable envelopes* are quite smooth to prevent injury to the Negatives, and have been specially manufactured by Messrs. Waterlow & Son, to meet my requirements.

The outsides are printed to make is easy for adding desirable information, as to exposure, index, &c.

You can find any desired negative in one minute in a collection of hundreds.

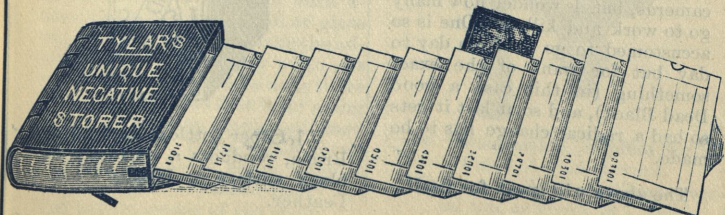
TYLAR'S UNIQUE NEGATIVE STORER,

Each holding 12 Plates.



PRICES.

$\frac{1}{4}$ Plates ...	...	10/0 dozen.
$\frac{1}{2}$ " ...	...	16/0 "
1/1 " ...	...	24/0 "



Window Shutter.

This Shutter is the best in the market for all-round work. Although invented years ago before the time was really ripe for its use. The plates now in the market are to be got of such extreme sensitiveness, that quick shutters become of service. The shutter consists of a curtain hung over a roller and actuated by strings. The exposure begins at the foreground and ends at the same, thus giving the longest exposure where most needed.

Quick or long exposures can be given at will, and this shutter can be used instead of a lens cap. See *Competitions*, page 56.

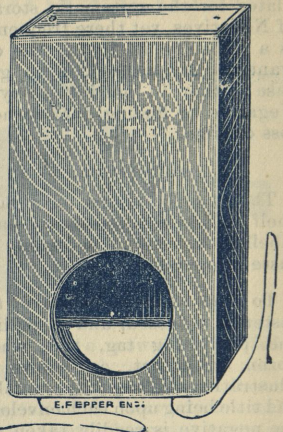
Tylar's Dead Black.

Note.—What Mr. Archer Clark says:—

"I tried your Dead Black on inside of camera and lens tube. The clearness in shadows of negatives since using the *Dead Black* is something wonderful—it amounts to this: I am able to use less restrainer in development, consequently less exposure in camera. The negatives print quicker, and there is a gain all-round. We all know reflected light is bad in cameras, but I wonder how many go to work and kill it. One is so accustomed to go on from day to day but for want of the exact something (in this case a good Dead Black), and so at last it gets so bad a radical change has to be made."

The above will speak for itself.

TYLAR'S "WINDOW" SHUTTER.



No. 1 fit any lens up to 2 in. Hood $3/6$.

No. 2 fit any lens up to 3 in. Hood $6/-$

Each has Cork back, and can be fitted to lens by aid of a pen-knife.

LARGER SIZES TO ORDER.

Tylar's Dead Black.



$1/6$ per bottle complete with Brush, produces a perfectly dead black surface on Wood, Metal or Leather.

Tylar's Metal Dark Slides, see pages 42 & 43.

Cutting Glass.

This is designed to obviate the necessity of having several cutting glasses kicking about the premises, The one shown opposite will enable one to cut several sizes, also to square prints more easily, can be made any size, but the one quoted is the most useful and will do for 1/1 plates and under.

Toning Prints.

Toning and fixing in one bath is a plan I have adopted for years. For full particulars of formula, see my article in British Journal. Photo Almanac, page 436 this year.

Messrs. HINTON & Co., 38, Bedford St. Strand, W.C., supplies this bath ready mixed.!

Spoilt Plates.

Utilize them, this you can do by cleaning them and coating with my Print Out Emulsion. This emulsion produces very pretty results on plain glass or opal plates, it is printed, toned and fixed just the same as albumenized prints.

Tylar's Self-Lighting Jet.

DIRECTIONS FOR USE.

The tap being screwed into the usual burner socket, the flash light should be adjusted, to a small white tipped flame. This is done by turning the regulating screw *inwards*. If a larger flash light is wanted, the process should be reversed and the screw slightly withdrawn. The flash light should on no account be allowed to burn above the top of brass ball or glass cap. It is advisable to make the adjustment during the day when gas pressure is low; if this be done there is no danger of the flash light going out. The lever tap should be turned full on, or off. If the burner flares, or the flame should be too large, it may be checked by the ordinary tap, and not by means of the lever.

TYLAR'S CUTTING GLASS.

For 1/1 Plates and any under.
2/6 each.



When once used always used.

OPAL PLATES

With Matt Surface

$\frac{1}{4}$ pts.	1/- per doz.	} Any size to order.
$\frac{1}{2}$ "	2/3 "	
1/1 "	4/4 "	

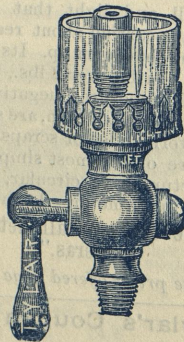
Bevelled edges at a little extra price.

For Carbon Pictures

„ Transferotype Prints
(EASTMAN & Co.).

For TYLAR'S Emulsion, 1/3 oz. free

Tylar's Self-Lighting Jet.



An indispensable adjunct for all kinds of contact work.
With round Metal or Glass covered top, as above 3/- each.

Shew's Eclipse Hand Camera

Is one I can recommend from *personal experience*, and I consider it the best form of Camera in the market for using with glass plates for exposures from the hand, or from a stand at will. It works splendidly, perfectly sharp and fully exposed pictures having been taken last October in one. This speaks well for the rapidity of the lens which is a wide angle, symmetrical with shutter working between the lenses.

As a really first class working instrument it still has no rival. Street views, groups, architectural subjects, landscapes, panorama, &c. are obtained with marvellous detail, and are particularly suitable, from their brilliancy of definition, for lantern transparencies, and for enlarging to an extraordinary extent.

See prizes offered on page 56 for results with this Camera.

THE KODAK

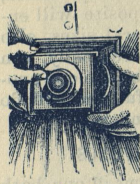
Contains a large number of advantages in a small space; it is so small and light that it can be always carried about ready for anything that turns up. Its weight is only a trifle over 2 lbs., its capacity 100 exposures, negatives cost a trifle under 1d. each, are suitable for lantern slides or scraps, operations are of the most simple kind, the pictures are circular, and $2\frac{1}{2}$ inches in diameter. In fact it is

"The King of all detective Cameras."

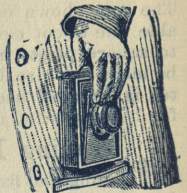
See prizes offered page 56.

The Eclipse

Can be fitted with EASTMAN'S Roll Holders.



IN USE,



Folded for the pocket.

Weight

12 ounces. For pictures $4\frac{1}{4}$ by $3\frac{1}{4}$.

The only pocket Camera for $4\frac{1}{4} \times 3\frac{1}{4}$ plates.

$\frac{1}{4}$ pt. fitted with 3 metal slides,

£4 17 6.

$\frac{1}{2}$ pt. do. do. £6 2 6.

If in case to form a detective Camera £1 extra $\frac{1}{4}$ pt.

CAMERA REST.

(PATENT).

An ingenious contrivance for carrying or steadying any light Camera where a time exposure is necessary, instantly attached to any support, a gate, tree, fence, etc., and easily carried in the pocket. Price for $\frac{1}{4}$ Cameras, 3/-; $\frac{1}{2}$ plate, 4/-

KODAK.

5 Guineas.

See Prize offered page 56.

Send for the Kodak Primer.

Tylar's Coupon for 1889 Prize Competition.

Motto.....Number.....

(See instructions on page 56).

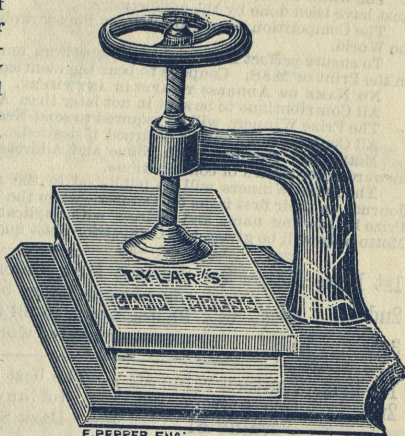
The number is required as a double check as 2 persons might choose the same motto, but are not likely to choose motto and number alike.

Card Press.

This Press will be found of immense service, for either flattening your mounted or unmounted prints. Again, by using an india-rubber pad and a metal plate, having oval round or cushion opening, beautiful effects are produced by being able to sink or raise your picture on the mount.

It can also be used for pressing sensitive paper flat and preserving from the air. In fact endless uses will be found for this handy little article.

TYLAR'S CARD PRESS.



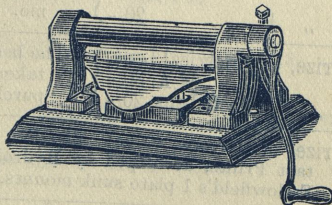
E. PEPPER ENC:

No. 1— $4\frac{1}{4} \times 3\frac{1}{4}$ Bed	...	4/0
2— $7\frac{1}{4} \times 5$ "	...	6/0
3— 9×7 "	...	10/0

Oval Dome Cushion, } from 1/6 each.
Metal Masks ... }

TYLAR'S BURNISHERS.

Thoroughly reliable.



Roll and Bar
Nickle-Plated
Extra.

$5\frac{1}{2}$ -in. Roll	...	8/0	...	2/0
$6\frac{1}{2}$ -in. " for Cabinets	...	11/0	...	2/6
9-in. "	...	14/6	...	3/6
11-in. "	...	20/0	...	5/0
15-in. "	...	35/0	...	7/6

Each complete with Lamp.

Clamps to hold down on table 1/0 each.
Can be fitted with Bunsen Burners if required.

Burnishers.

There are many of these to choose from, therefore greater the necessity of seeing a reliable article is obtained, not one with a *Cast Iron Bar*. The Burnishers as shewn in cut, consists of a case hardened Steel Bar, with milled rolls, to enable cards to pass through easily, Lubricators to bearings, Adjustable bed carrying burnishing bar, so that different thicknesses of cards can be accommodated, and the Lamp can be withdrawn or replaced without disturbing the bed of machine. Every part is of good finish and will do its work well.

Instructions.

Use Methylated Spirit in Lamp; heat the burnisher till just able to bear the back of hand on roller, wipe off all moisture, rub a dry soft flannel across a piece of dry white curd soap, and pass over the prints, then pass through roll without a stoppage, two or three times.

Keep Bar bright, this is best done by finest flour Emery and Oil, followed by Rouge.

£25 Given in Prizes.

—CONDITIONS.—

The whole of the work—exposure, development, printing, toning, and mounting—must have been done by the competitor.

The Competition is open to Amateur Photographers of every nationality throughout the World.

To ensure perfect impartiality, competitors must only put a Motto and a Number on the Print or MSS. Coupons to bear the identical Motto and Number chosen.

No NAME OR ADDRESS TO APPEAR ANYWHERE.

All Contributions to be sent in not later than August 31st, 1889.

The Prize Winners will be required to send Negatives for my use for one month.

All Contributions will be returned if desired.

Motto and Number, with Name and Address together, with Stamps, must be forwarded for return of contributions.

The Prize Winners will be published in the Amateur Photographer and British Journal, in their first issue for October—when the Winning Competitor must claim the Prize by sending name and address with duplicate Prints. In the case of MSS., the Motto only will be given, and Competitor must quote the Number in proof of title.

1st Prize £2	} —For the best MSS. Calendar of useful hints similar to the present issue, bearing as much as possible on Photography, to fill up the 365 days, not to exceed eleven or twelve words of ordinary length,
2nd „ £1	
3rd „ 10/0	

1st Prize, Lantern value £2	} —The best set of three Landscape Pictures (of any size), taken in Tylar's Metal Dark Slides.
2nd „ Goods from list, value £1 ...	

1st Prize, Goods from list, value £2 ...	} —The best set of three Instantaneous Pictures, taken by Tylar's "Window" Shutter.
2nd „ Ditto, value £1	

1st Prize, $\frac{1}{2}$ Camera, val. 70/-	} —The best six Lantern Slides, produced from Negatives taken in Tylar's Metal Slides, either by contact or reduction, by any process.
2nd „ $\frac{1}{4}$ „ „ 45/-	
3rd „ Goods „ 20/-	

1st Prize, $\frac{1}{2}$ R Rect. Lens, 30/-	} The best set of six Pictures, taken by the Kodak Camera, purchased direct from me.
2nd „ $\frac{1}{4}$ „ „ 20/-	

1st Prize, $\frac{1}{2}$ Symmetrical Lens. W.A. 30/-	} —The best set of six Negatives and Prints, taken by Shew's Eclipse Hand Camera, purchased from me.
2nd „ $\frac{1}{4}$ R Rect. Lens, 20/-	

A Prize of (Goods value) £1—For the best three Bromide Contact Prints, developed by Hydrokinone (any size), "mounted on Fallowfield's 1 plate sunk mounts."

A Prize of (Goods value) £1—For the best set of three Sepia Type Prints, mounted (any size):

A Prize of (Goods value) £1—For the best set of three Prints on Liesegang's Aristotype Paper, finished with a glazed surface (any size).

A Prize of (Goods value) 15/-—For the best Family Group, taken by Tylar's Self-Portrait Shutter, including operator in group.

N.B.—My decision to be final in all cases, and with full liberty to ascertain or request proof of conditions having been adhered to.



REGISTERED

G. W. W.

TRADE MARK.

G. W. WILSON & Co.,

2, St. SWITHIN STREET,
ABERDEEN.

Photographers,

Photographic Publishers,

Photographic Enlargers,

Photographic Printers,

AND MANUFACTURERS OF THE HIGHEST QUALITY OF

Photographic Lantern Slides.

~~~~~  
CATALOGUES AND PRICE LISTS SENT POST FREE ON APPLICATION.

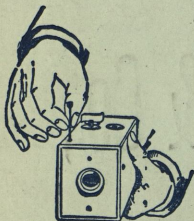
# THE KODAK

Is the smallest, lightest, and simplest  
for the ten operations necessary with  
we have ONLY THREE SIMPLE MOVEMENTS.

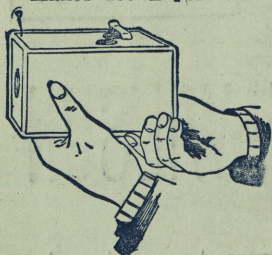
of all Detective Cameras—  
most Cameras of this class  
No Focussing. No FINDER

REQUIRED. Size  $3\frac{1}{4}$  by  $3\frac{1}{4}$  by  $6\frac{1}{2}$  inches. Weight 35 ounces.

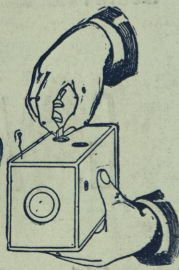
**Makes 100 Exposures.**



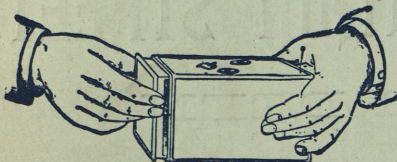
Setting the Shutter.



Exposing.



Winding more Film.



Removing the Roller Slide.



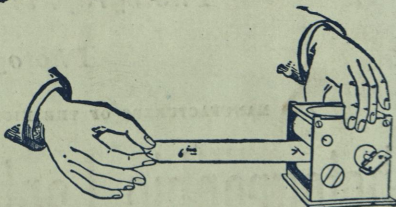
Cutting off Exposure.



Cutting off  
Exposures.



Developing 12 at once.



Drawing off Exposed Films.

Twelve Negatives are developed at one time.

**NO TOURIST OR CYCLIST SHOULD BE WITHOUT ONE.**

FULL INFORMATION FURNISHED BY THE

**EASTMAN DRY PLATE & FILM CO., 115, Oxford Street, London, W.**